

## **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	
2022/23-1	000NONPJ	matrix spike	11/12/2022	Anion	Chloride	n/a	=	232	mg/L	EPA 300.0	1.9	5			
2022/23-1	000NONPJ	matrix spike, rec	11/12/2022	Anion	Chloride	n/a	=	93	%	EPA 300.0	-88	-88	76	118	
2022/23-1	000NONPJ	matrix spike dup	11/12/2022	Anion	Chloride	n/a	=	231	mg/L	EPA 300.0	1.9	5			
2022/23-1	000NONPJ	matrix spike dup, rec	11/12/2022	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	76	118	
2022/23-1	000NONPJ	matrix spike, RPD	11/12/2022	Anion	Chloride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	
2022/23-1	000NONPJ	matrix spike	11/12/2022	Anion	Chloride	n/a	=	249	mg/L	EPA 300.0	1.9	5			
2022/23-1	000NONPJ	matrix spike, rec	11/12/2022	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	76	118	
2022/23-1	000NONPJ	matrix spike dup	11/12/2022	Anion	Chloride	n/a	=	248	mg/L	EPA 300.0	1.9	5			
2022/23-1	000NONPJ	matrix spike dup, rec	11/12/2022	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	76	118	
2022/23-1	000NONPJ	matrix spike, RPD	11/12/2022	Anion	Chloride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	
2022/23-1	Lab	method blank	11/11/2022	Anion	Chloride	n/a	<	0.19	mg/L	EPA 300.0	0.19	0.5			
2022/23-1	Lab	LCS	11/12/2022	Anion	Chloride	n/a	=	20.7	mg/L	EPA 300.0	0.19	0.5			
2022/23-1	Lab	LCS, rec	11/12/2022	Anion	Chloride	n/a	=	104	%	EPA 300.0	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike	11/12/2022	Anion	Fluoride	n/a	=	18.4	mg/L	EPA 300.0	0.09	1			
2022/23-1	000NONPJ	matrix spike, rec	11/12/2022	Anion	Fluoride	n/a	=	91	%	EPA 300.0	-88	-88	86	107	
2022/23-1	000NONPJ	matrix spike dup	11/12/2022	Anion	Fluoride	n/a	=	18.4	mg/L	EPA 300.0	0.09	1			
2022/23-1	000NONPJ	matrix spike dup, rec	11/12/2022	Anion	Fluoride	n/a	=	90	%	EPA 300.0	-88	-88	86	107	
2022/23-1	000NONPJ	matrix spike, RPD	11/12/2022	Anion	Fluoride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	
2022/23-1	000NONPJ	matrix spike	11/12/2022	Anion	Fluoride	n/a	=	19.6	mg/L	EPA 300.0	0.09	1			
2022/23-1	000NONPJ	matrix spike, rec	11/12/2022	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	86	107	
2022/23-1	000NONPJ	matrix spike dup	11/12/2022	Anion	Fluoride	n/a	=	19.6	mg/L	EPA 300.0	0.09	1			
2022/23-1	000NONPJ	matrix spike dup, rec	11/12/2022	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	86	107	
2022/23-1	000NONPJ	matrix spike, RPD	11/12/2022	Anion	Fluoride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	
2022/23-1	Lab	method blank	11/11/2022	Anion	Fluoride	n/a	<	0.009	mg/L	EPA 300.0	0.009	0.1			
2022/23-1	Lab	LCS	11/12/2022	Anion	Fluoride	n/a	=	2.02	mg/L	EPA 300.0	0.009	0.1			
2022/23-1	Lab	LCS, rec	11/12/2022	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike	11/11/2022	Anion	Perchlorate	n/a	=	11	µg/L	EPA 314.0	0.39	2			
2022/23-1	000NONPJ	matrix spike, rec	11/11/2022	Anion	Perchlorate	n/a	=	103	%	EPA 314.0	-88	-88	80	120	
2022/23-1	000NONPJ	matrix spike dup	11/11/2022	Anion	Perchlorate	n/a	=	10.9	µg/L	EPA 314.0	0.39	2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/11/2022	Anion	Perchlorate	n/a	=	102	%	EPA 314.0	-88	-88	80	120	
2022/23-1	000NONPJ	matrix spike, RPD	11/11/2022	Anion	Perchlorate	n/a	=	0.5	%	EPA 314.0	-88	-88	0	15	
2022/23-1	Lab	method blank	11/11/2022	Anion	Perchlorate	n/a	<	0.39	µg/L	EPA 314.0	0.39	2			
2022/23-1	Lab	LCS	11/11/2022	Anion	Perchlorate	n/a	=	10.8	µg/L	EPA 314.0	0.39	2			
2022/23-1	Lab	LCS, rec	11/11/2022	Anion	Perchlorate	n/a	=	108	%	EPA 314.0	-88	-88	85	115	
2022/23-1	Lab	method blank	11/9/2022	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022/23-1	MO-CAM	field duplicate	11/9/2022	Bacteriological	E. Coli	n/a	=	8164	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2022/23-1	MO-OJA	field blank	11/9/2022	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022/23-1	Lab	method blank	11/9/2022	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022/23-1	MO-CAM	field duplicate	11/9/2022	Bacteriological	Total Coliform	n/a	=	770100	MPN/100 mL	MMO-MUG	1000	1000	-88	-88	
2022/23-1	MO-OJA	field blank	11/9/2022	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022/23-1	000NONPJ	matrix spike	11/16/2022	Cation	Calcium	Total	=	61.7	mg/L	EPA 200.7	0.0234	0.5			
2022/23-1	000NONPJ	matrix spike, rec	11/16/2022	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/16/2022	Cation	Calcium	Total	=	62	mg/L	EPA 200.7	0.0234	0.5			
2022/23-1	000NONPJ	matrix spike dup, rec	11/16/2022	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/16/2022	Cation	Calcium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/16/2022	Cation	Calcium	Total	=	57.5	mg/L	EPA 200.7	0.0234	0.5			
2022/23-1	000NONPJ	matrix spike, rec	11/16/2022	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	

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													Min	Max	
2022/23-1	000NONPJ	matrix spike dup	11/16/2022	Cation	Calcium	Total	=	58.2	mg/L	EPA 200.7	0.0234	0.5			
2022/23-1	000NONPJ	matrix spike dup, rec	11/16/2022	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/16/2022	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Cation	Calcium	Total	<	0.0234	mg/L	EPA 200.7	0.0234	0.5			
2022/23-1	Lab	LCS	11/15/2022	Cation	Calcium	Total	=	47.8	mg/L	EPA 200.7	0.0234	0.5			
2022/23-1	Lab	LCS, rec	11/15/2022	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2022/23-1	Lab	method blank	11/16/2022	Cation	Calcium	Total	<	0.0234	mg/L	EPA 200.7	0.0234	0.5			
2022/23-1	Lab	LCS	11/16/2022	Cation	Calcium	Total	=	48.8	mg/L	EPA 200.7	0.0234	0.5			
2022/23-1	Lab	LCS, rec	11/16/2022	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2022/23-1	ME-CC	matrix spike	11/15/2022	Cation	Calcium	Total	=	109	mg/L	EPA 200.7	0.0234	0.5			
2022/23-1	ME-CC	matrix spike, rec	11/15/2022	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2022/23-1	ME-CC	matrix spike dup	11/15/2022	Cation	Calcium	Total	=	109	mg/L	EPA 200.7	0.0234	0.5			
2022/23-1	ME-CC	matrix spike dup, rec	11/15/2022	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2022/23-1	ME-CC	matrix spike, RPD	11/15/2022	Cation	Calcium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2022/23-1	ME-VR2	matrix spike	11/15/2022	Cation	Calcium	Total	=	182	mg/L	EPA 200.7	0.0234	0.5			
2022/23-1	ME-VR2	matrix spike, rec	11/15/2022	Cation	Calcium	Total	=	88	%	EPA 200.7	-88	-88	70	130	
2022/23-1	ME-VR2	matrix spike dup	11/15/2022	Cation	Calcium	Total	=	184	mg/L	EPA 200.7	0.0234	0.5			
2022/23-1	ME-VR2	matrix spike dup, rec	11/15/2022	Cation	Calcium	Total	=	90	%	EPA 200.7	-88	-88	70	130	
2022/23-1	ME-VR2	matrix spike, RPD	11/15/2022	Cation	Calcium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/16/2022	Cation	Magnesium	Total	=	48.8	mg/L	EPA 200.7	0.039	0.5			
2022/23-1	000NONPJ	matrix spike, rec	11/16/2022	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/16/2022	Cation	Magnesium	Total	=	49	mg/L	EPA 200.7	0.039	0.5			
2022/23-1	000NONPJ	matrix spike dup, rec	11/16/2022	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/16/2022	Cation	Magnesium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/16/2022	Cation	Magnesium	Total	=	49.7	mg/L	EPA 200.7	0.039	0.5			
2022/23-1	000NONPJ	matrix spike, rec	11/16/2022	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/16/2022	Cation	Magnesium	Total	=	50.3	mg/L	EPA 200.7	0.039	0.5			
2022/23-1	000NONPJ	matrix spike dup, rec	11/16/2022	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/16/2022	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2022/23-1	Lab	LCS	11/15/2022	Cation	Magnesium	Total	=	46.3	mg/L	EPA 200.7	0.039	0.5			
2022/23-1	Lab	LCS, rec	11/15/2022	Cation	Magnesium	Total	=	92	%	EPA 200.7	-88	-88	85	115	
2022/23-1	Lab	method blank	11/16/2022	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2022/23-1	Lab	LCS	11/16/2022	Cation	Magnesium	Total	=	47.6	mg/L	EPA 200.7	0.039	0.5			
2022/23-1	Lab	LCS, rec	11/16/2022	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2022/23-1	ME-CC	matrix spike	11/15/2022	Cation	Magnesium	Total	=	78.9	mg/L	EPA 200.7	0.039	0.5			
2022/23-1	ME-CC	matrix spike, rec	11/15/2022	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2022/23-1	ME-CC	matrix spike dup	11/15/2022	Cation	Magnesium	Total	=	78.4	mg/L	EPA 200.7	0.039	0.5			
2022/23-1	ME-CC	matrix spike dup, rec	11/15/2022	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2022/23-1	ME-CC	matrix spike, RPD	11/15/2022	Cation	Magnesium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2022/23-1	ME-VR2	matrix spike	11/15/2022	Cation	Magnesium	Total	=	82.4	mg/L	EPA 200.7	0.039	0.5			
2022/23-1	ME-VR2	matrix spike, rec	11/15/2022	Cation	Magnesium	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2022/23-1	ME-VR2	matrix spike dup	11/15/2022	Cation	Magnesium	Total	=	82.8	mg/L	EPA 200.7	0.039	0.5			
2022/23-1	ME-VR2	matrix spike dup, rec	11/15/2022	Cation	Magnesium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2022/23-1	ME-VR2	matrix spike, RPD	11/15/2022	Cation	Magnesium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2022/23-1	Lab	method blank	11/12/2022	Conventional	Alkalinity as CaCO3	n/a	<	1.9	mg/L	SM 2320 B	1.9	5			
2022/23-1	Lab	LCS	11/12/2022	Conventional	Alkalinity as CaCO3	n/a	=	249	mg/L	SM 2320 B	1.9	5			

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Event ID	Site ID	QA/QC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS, rec	11/12/2022	Conventional	Alkalinity as CaCO3	n/a	=	100	%	SM 2320 B	-88	-88	94	108	
2022/23-1	ME-CC	lab duplicate	11/12/2022	Conventional	Alkalinity as CaCO3	n/a	=	159	mg/L	SM 2320 B	1.9	5		15	
2022/23-1	000NONPJ	lab duplicate	11/15/2022	Conventional	BOD	n/a	=	4.28	mg/L	SM 5210 B	2	2		20	
2022/23-1	Lab	method blank	11/15/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-1	Lab	method blank	11/15/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-1	Lab	method blank	11/15/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-1	Lab	LCS	11/15/2022	Conventional	BOD	n/a	=	186	mg/L	SM 5210 B	2	2			
2022/23-1	Lab	LCS, rec	11/15/2022	Conventional	BOD	n/a	=	94	%	SM 5210 B	-88	-88	85	115	
2022/23-1	000NONPJ	matrix spike	11/22/2022	Conventional	COD	n/a	=	210	mg/L	EPA 410.4	12	20			
2022/23-1	000NONPJ	matrix spike, rec	11/22/2022	Conventional	COD	n/a	=	105	%	EPA 410.4	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike dup	11/22/2022	Conventional	COD	n/a	=	206	mg/L	EPA 410.4	12	20			
2022/23-1	000NONPJ	matrix spike dup, rec	11/22/2022	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike, RPD	11/22/2022	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2022/23-1	000NONPJ	lab duplicate	11/22/2022	Conventional	COD	n/a	=	381	mg/L	EPA 410.4	2.9	5		15	
2022/23-1	000NONPJ	matrix spike	11/22/2022	Conventional	COD	n/a	=	2460	mg/L	EPA 410.4	12	20			
2022/23-1	000NONPJ	matrix spike dup	11/22/2022	Conventional	COD	n/a	=	2420	mg/L	EPA 410.4	12	20			
2022/23-1	000NONPJ	matrix spike dup, rec	11/22/2022	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike, rec	11/22/2022	Conventional	COD	n/a	=	104	%	EPA 410.4	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike, RPD	11/22/2022	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2022/23-1	000NONPJ	lab duplicate	11/23/2022	Conventional	COD	n/a	=	1430	mg/L	EPA 410.4	12	20		15	
2022/23-1	Lab	LCS	11/22/2022	Conventional	COD	n/a	=	1040	mg/L	EPA 410.4	2.9	5			
2022/23-1	Lab	LCS, rec	11/22/2022	Conventional	COD	n/a	=	104	%	EPA 410.4	-88	-88	90	110	
2022/23-1	Lab	method blank	11/22/2022	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2022/23-1	Lab	LCS	11/23/2022	Conventional	COD	n/a	=	1040	mg/L	EPA 410.4	2.9	5			
2022/23-1	Lab	LCS, rec	11/23/2022	Conventional	COD	n/a	=	104	%	EPA 410.4	-88	-88	90	110	
2022/23-1	Lab	method blank	11/23/2022	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2022/23-1	ME-VR2	matrix spike	11/23/2022	Conventional	COD	n/a	=	188	mg/L	EPA 410.4	12	20			
2022/23-1	ME-VR2	matrix spike dup	11/23/2022	Conventional	COD	n/a	=	184	mg/L	EPA 410.4	12	20			
2022/23-1	ME-VR2	matrix spike dup, rec	11/23/2022	Conventional	COD	n/a	=	92	%	EPA 410.4	-88	-88	90	110	
2022/23-1	ME-VR2	matrix spike, rec	11/23/2022	Conventional	COD	n/a	=	94	%	EPA 410.4	-88	-88	90	110	
2022/23-1	ME-VR2	matrix spike, RPD	11/23/2022	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2022/23-1	MO-OJA	matrix spike	11/23/2022	Conventional	COD	n/a	=	2320	mg/L	EPA 410.4	12	20			
2022/23-1	MO-OJA	matrix spike, rec	11/23/2022	Conventional	COD	n/a	=	105	%	EPA 410.4	-88	-88	90	110	
2022/23-1	MO-OJA	matrix spike dup	11/23/2022	Conventional	COD	n/a	=	2370	mg/L	EPA 410.4	12	20			
2022/23-1	MO-OJA	matrix spike dup, rec	11/23/2022	Conventional	COD	n/a	=	108	%	EPA 410.4	-88	-88	90	110	
2022/23-1	MO-OJA	matrix spike, RPD	11/23/2022	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2022/23-1	000NONPJ	matrix spike	11/18/2022	Conventional	Cyanide	Total	=	0.0478	mg/L	ASTM D7511	0.00059	0.002			
2022/23-1	000NONPJ	matrix spike, rec	11/18/2022	Conventional	Cyanide	Total	=	96	%	ASTM D7511	-88	-88	64	136	
2022/23-1	000NONPJ	matrix spike dup	11/18/2022	Conventional	Cyanide	Total	=	0.0483	mg/L	ASTM D7511	0.00059	0.002			
2022/23-1	000NONPJ	matrix spike dup, rec	11/18/2022	Conventional	Cyanide	Total	=	97	%	ASTM D7511	-88	-88	64	136	
2022/23-1	000NONPJ	matrix spike, RPD	11/18/2022	Conventional	Cyanide	Total	=	1	%	ASTM D7511	-88	-88	0	47	
2022/23-1	000NONPJ	matrix spike	11/18/2022	Conventional	Cyanide	Total	=	0.0492	mg/L	ASTM D7511	0.0006	0.002			
2022/23-1	000NONPJ	matrix spike, rec	11/18/2022	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	64	136	
2022/23-1	000NONPJ	matrix spike dup	11/18/2022	Conventional	Cyanide	Total	=	0.0499	mg/L	ASTM D7511	0.0006	0.002			
2022/23-1	000NONPJ	matrix spike dup, rec	11/18/2022	Conventional	Cyanide	Total	=	100	%	ASTM D7511	-88	-88	64	136	
2022/23-1	000NONPJ	matrix spike, RPD	11/18/2022	Conventional	Cyanide	Total	=	1	%	ASTM D7511	-88	-88	0	47	
2022/23-1	Lab	LCS	11/18/2022	Conventional	Cyanide	Total	=	0.0515	mg/L	ASTM D7511	0.0006	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	
2022/23-1	Lab	LCS, rec	11/18/2022	Conventional	Cyanide	Total	=	103	%	ASTM D7511	-88	-88	84	116	
2022/23-1	Lab	method blank	11/18/2022	Conventional	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002			
2022/23-1	Lab	method blank	11/18/2022	Conventional	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002			
2022/23-1	Lab	LCS	11/18/2022	Conventional	Cyanide	Total	=	0.0525	mg/L	ASTM D7511	0.0006	0.002			
2022/23-1	Lab	LCS, rec	11/18/2022	Conventional	Cyanide	Total	=	105	%	ASTM D7511	-88	-88	84	116	
2022/23-1	MO-CAM	field duplicate	11/18/2022	Conventional	Cyanide	Total	=	0.0041	mg/L	ASTM D7511	0.0006	0.002			
2022/23-1	MO-OJA	field blank	11/18/2022	Conventional	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002			
2022/23-1	000NONPJ	matrix spike	11/10/2022	Conventional	MBAS	n/a	=	0.352	mg/L	SM 5540 C	0.023	0.05			
2022/23-1	000NONPJ	matrix spike, rec	11/10/2022	Conventional	MBAS	n/a	=	93	%	SM 5540 C	-88	-88	74	123	
2022/23-1	000NONPJ	matrix spike dup	11/10/2022	Conventional	MBAS	n/a	=	0.374	mg/L	SM 5540 C	0.023	0.05			
2022/23-1	000NONPJ	matrix spike dup, rec	11/10/2022	Conventional	MBAS	n/a	=	104	%	SM 5540 C	-88	-88	74	123	
2022/23-1	000NONPJ	matrix spike, RPD	11/10/2022	Conventional	MBAS	n/a	=	6	%	SM 5540 C	-88	-88	0	20	
2022/23-1	000NONPJ	matrix spike	11/10/2022	Conventional	MBAS	n/a	=	0.229	mg/L	SM 5540 C	0.023	0.05			
2022/23-1	000NONPJ	matrix spike dup	11/10/2022	Conventional	MBAS	n/a	=	0.22	mg/L	SM 5540 C	0.023	0.05			
2022/23-1	000NONPJ	matrix spike dup, rec	11/10/2022	Conventional	MBAS	n/a	=	110	%	SM 5540 C	-88	-88	74	123	
2022/23-1	000NONPJ	matrix spike, rec	11/10/2022	Conventional	MBAS	n/a	=	114	%	SM 5540 C	-88	-88	74	123	
2022/23-1	000NONPJ	matrix spike, RPD	11/10/2022	Conventional	MBAS	n/a	=	4	%	SM 5540 C	-88	-88	0	20	
2022/23-1	000NONPJ	matrix spike	11/10/2022	Conventional	MBAS	n/a	=	0.196	mg/L	SM 5540 C	0.023	0.05			
2022/23-1	000NONPJ	matrix spike, rec	11/10/2022	Conventional	MBAS	n/a	=	98	%	SM 5540 C	-88	-88	74	123	
2022/23-1	000NONPJ	matrix spike dup	11/10/2022	Conventional	MBAS	n/a	=	0.199	mg/L	SM 5540 C	0.023	0.05			
2022/23-1	000NONPJ	matrix spike dup, rec	11/10/2022	Conventional	MBAS	n/a	=	100	%	SM 5540 C	-88	-88	74	123	
2022/23-1	000NONPJ	matrix spike, RPD	11/10/2022	Conventional	MBAS	n/a	=	2	%	SM 5540 C	-88	-88	0	20	
2022/23-1	Lab	method blank	11/10/2022	Conventional	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05			
2022/23-1	Lab	LCS	11/10/2022	Conventional	MBAS	n/a	=	0.18	mg/L	SM 5540 C	0.023	0.05			
2022/23-1	Lab	LCS, rec	11/10/2022	Conventional	MBAS	n/a	=	90	%	SM 5540 C	-88	-88	82	115	
2022/23-1	Lab	method blank	11/10/2022	Conventional	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05			
2022/23-1	Lab	LCS	11/10/2022	Conventional	MBAS	n/a	=	0.182	mg/L	SM 5540 C	0.023	0.05			
2022/23-1	Lab	LCS, rec	11/10/2022	Conventional	MBAS	n/a	=	91	%	SM 5540 C	-88	-88	82	115	
2022/23-1	Lab	method blank	11/10/2022	Conventional	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05			
2022/23-1	Lab	LCS	11/10/2022	Conventional	MBAS	n/a	=	0.218	mg/L	SM 5540 C	0.023	0.05			
2022/23-1	Lab	LCS, rec	11/10/2022	Conventional	MBAS	n/a	=	109	%	SM 5540 C	-88	-88	82	115	
2022/23-1	000NONPJ	matrix spike	11/22/2022	Conventional	Phenolics	n/a	=	0.277	mg/L	EPA 420.4	0.0068	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/22/2022	Conventional	Phenolics	n/a	=	111	%	EPA 420.4	-88	-88	90	110	GB
2022/23-1	000NONPJ	matrix spike dup	11/22/2022	Conventional	Phenolics	n/a	=	0.272	mg/L	EPA 420.4	0.0068	0.01			
2022/23-1	000NONPJ	matrix spike dup, rec	11/22/2022	Conventional	Phenolics	n/a	=	109	%	EPA 420.4	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike, RPD	11/22/2022	Conventional	Phenolics	n/a	=	2	%	EPA 420.4	-88	-88	0	20	
2022/23-1	Lab	method blank	11/22/2022	Conventional	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01			
2022/23-1	Lab	LCS	11/22/2022	Conventional	Phenolics	n/a	=	0.104	mg/L	EPA 420.4	0.0068	0.01			
2022/23-1	Lab	LCS, rec	11/22/2022	Conventional	Phenolics	n/a	=	104	%	EPA 420.4	-88	-88	90	110	
2022/23-1	ME-CC	matrix spike	11/22/2022	Conventional	Phenolics	n/a	=	0.259	mg/L	EPA 420.4	0.0068	0.01			
2022/23-1	ME-CC	matrix spike, rec	11/22/2022	Conventional	Phenolics	n/a	=	104	%	EPA 420.4	-88	-88	90	110	
2022/23-1	ME-CC	matrix spike dup	11/22/2022	Conventional	Phenolics	n/a	=	0.26	mg/L	EPA 420.4	0.0068	0.01			
2022/23-1	ME-CC	matrix spike dup, rec	11/22/2022	Conventional	Phenolics	n/a	=	104	%	EPA 420.4	-88	-88	90	110	
2022/23-1	ME-CC	matrix spike, RPD	11/22/2022	Conventional	Phenolics	n/a	=	0.6	%	EPA 420.4	-88	-88	0	20	
2022/23-1	000NONPJ	lab duplicate	11/23/2022	Conventional	Specific Conductance	n/a	=	3440	µmhos/cm	SM 2510 B	5.4	10		5	
2022/23-1	000NONPJ	lab duplicate	11/23/2022	Conventional	Specific Conductance	n/a	=	5200	µmhos/cm	SM 2510 B	1.1	2		5	
2022/23-1	Lab	method blank	11/23/2022	Conventional	Specific Conductance	n/a	<	1.1	µmhos/cm	SM 2510 B	1.1	2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS	11/23/2022	Conventional	Specific Conductance	n/a	=	441	µmhos/cm	SM 2510 B	1.1	2			
2022/23-1	Lab	LCS, rec	11/23/2022	Conventional	Specific Conductance	n/a	=	99	%	SM 2510 B	-88	-88	95	105	
2022/23-1	Lab	method blank	11/23/2022	Conventional	Specific Conductance	n/a	<	1.1	µmhos/cm	SM 2510 B	1.1	2			
2022/23-1	Lab	LCS	11/23/2022	Conventional	Specific Conductance	n/a	=	25700	µmhos/cm	SM 2510 B	1.1	2			
2022/23-1	Lab	LCS, rec	11/23/2022	Conventional	Specific Conductance	n/a	=	103	%	SM 2510 B	-88	-88	95	105	
2022/23-1	000NONPJ	lab duplicate	11/10/2022	Conventional	Total Chlorine Residual	n/a	DNQ	0.049	mg/L	SM 4500-Cl G	0.031	0.05		15	
2022/23-1	000NONPJ	matrix spike	11/10/2022	Conventional	Total Chlorine Residual	n/a	=	0.236	mg/L	SM 4500-Cl G	0.031	0.05			
2022/23-1	000NONPJ	matrix spike dup	11/10/2022	Conventional	Total Chlorine Residual	n/a	=	0.258	mg/L	SM 4500-Cl G	0.031	0.05			
2022/23-1	000NONPJ	matrix spike dup, rec	11/10/2022	Conventional	Total Chlorine Residual	n/a	=	104	%	SM 4500-Cl G	-88	-88	78	114	
2022/23-1	000NONPJ	matrix spike, rec	11/10/2022	Conventional	Total Chlorine Residual	n/a	=	94	%	SM 4500-Cl G	-88	-88	78	114	
2022/23-1	000NONPJ	matrix spike, RPD	11/10/2022	Conventional	Total Chlorine Residual	n/a	=	9	%	SM 4500-Cl G	-88	-88	0	15	
2022/23-1	Lab	LCS	11/10/2022	Conventional	Total Chlorine Residual	n/a	=	0.194	mg/L	SM 4500-Cl G	0.031	0.05			
2022/23-1	Lab	LCS, rec	11/10/2022	Conventional	Total Chlorine Residual	n/a	=	97	%	SM 4500-Cl G	-88	-88	85	110	
2022/23-1	Lab	method blank	11/10/2022	Conventional	Total Chlorine Residual	n/a	<	0.031	mg/L	SM 4500-Cl G	0.031	0.05			
2022/23-1	000NONPJ	lab duplicate	11/14/2022	Conventional	Total Dissolved Solids	n/a	=	152	mg/L	SM 2540 C	4	10		10	
2022/23-1	000NONPJ	lab duplicate	11/14/2022	Conventional	Total Dissolved Solids	n/a	=	215	mg/L	SM 2540 C	4	10		10	
2022/23-1	000NONPJ	lab duplicate	11/15/2022	Conventional	Total Dissolved Solids	n/a	=	930	mg/L	SM 2540 C	4	10		10	
2022/23-1	000NONPJ	lab duplicate	11/15/2022	Conventional	Total Dissolved Solids	n/a	=	709	mg/L	SM 2540 C	4	10		10	
2022/23-1	000NONPJ	lab duplicate	11/15/2022	Conventional	Total Dissolved Solids	n/a	=	735	mg/L	SM 2540 C	4	10		10	
2022/23-1	000NONPJ	lab duplicate	11/15/2022	Conventional	Total Dissolved Solids	n/a	=	479	mg/L	SM 2540 C	4	10		10	
2022/23-1	Lab	LCS	11/14/2022	Conventional	Total Dissolved Solids	n/a	=	822	mg/L	SM 2540 C	4	10			
2022/23-1	Lab	LCS, rec	11/14/2022	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	96	102	
2022/23-1	Lab	method blank	11/14/2022	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2022/23-1	Lab	LCS	11/15/2022	Conventional	Total Dissolved Solids	n/a	=	825	mg/L	SM 2540 C	4	10			
2022/23-1	Lab	LCS, rec	11/15/2022	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	96	102	
2022/23-1	Lab	method blank	11/15/2022	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2022/23-1	Lab	LCS	11/15/2022	Conventional	Total Dissolved Solids	n/a	=	834	mg/L	SM 2540 C	4	10			
2022/23-1	Lab	LCS, rec	11/15/2022	Conventional	Total Dissolved Solids	n/a	=	101	%	SM 2540 C	-88	-88	96	102	
2022/23-1	Lab	method blank	11/15/2022	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2022/23-1	000NONPJ	matrix spike	11/16/2022	Conventional	Total Organic Carbon	n/a	=	9.66	mg/L	SM 5310 B	0.19	0.3			
2022/23-1	000NONPJ	matrix spike, rec	11/16/2022	Conventional	Total Organic Carbon	n/a	=	86	%	SM 5310 B	-88	-88	76	115	
2022/23-1	000NONPJ	matrix spike dup	11/16/2022	Conventional	Total Organic Carbon	n/a	=	9.18	mg/L	SM 5310 B	0.19	0.3			
2022/23-1	000NONPJ	matrix spike dup, rec	11/16/2022	Conventional	Total Organic Carbon	n/a	=	76	%	SM 5310 B	-88	-88	76	115	
2022/23-1	000NONPJ	matrix spike, RPD	11/16/2022	Conventional	Total Organic Carbon	n/a	=	5	%	SM 5310 B	-88	-88	0	20	
2022/23-1	000NONPJ	matrix spike	11/16/2022	Conventional	Total Organic Carbon	n/a	=	9.23	mg/L	SM 5310 B	0.19	0.3			
2022/23-1	000NONPJ	matrix spike, rec	11/16/2022	Conventional	Total Organic Carbon	n/a	=	86	%	SM 5310 B	-88	-88	76	115	
2022/23-1	000NONPJ	matrix spike dup	11/16/2022	Conventional	Total Organic Carbon	n/a	=	9.09	mg/L	SM 5310 B	0.19	0.3			
2022/23-1	000NONPJ	matrix spike dup, rec	11/16/2022	Conventional	Total Organic Carbon	n/a	=	83	%	SM 5310 B	-88	-88	76	115	
2022/23-1	000NONPJ	matrix spike, RPD	11/16/2022	Conventional	Total Organic Carbon	n/a	=	1	%	SM 5310 B	-88	-88	0	20	
2022/23-1	Lab	method blank	11/16/2022	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2022/23-1	Lab	LCS	11/16/2022	Conventional	Total Organic Carbon	n/a	=	0.926	mg/L	SM 5310 B	0.19	0.3			
2022/23-1	Lab	LCS, rec	11/16/2022	Conventional	Total Organic Carbon	n/a	=	93	%	SM 5310 B	-88	-88	85	115	
2022/23-1	Lab	method blank	11/16/2022	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2022/23-1	Lab	LCS	11/16/2022	Conventional	Total Organic Carbon	n/a	=	1.04	mg/L	SM 5310 B	0.19	0.3			
2022/23-1	Lab	LCS, rec	11/16/2022	Conventional	Total Organic Carbon	n/a	=	104	%	SM 5310 B	-88	-88	85	115	
2022/23-1	000NONPJ	lab duplicate	11/15/2022	Conventional	Total Suspended Solids	n/a	=	18.3	mg/L	SM 2540 D	-88	5		20	
2022/23-1	Lab	LCS	11/15/2022	Conventional	Total Suspended Solids	n/a	=	65.4	mg/L	SM 2540 D	-88	5			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS, rec	11/15/2022	Conventional	Total Suspended Solids	n/a	=	101	%	SM 2540 D	-88	-88	90	110	
2022/23-1	Lab	method blank	11/15/2022	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2022/23-1	Lab	LCS	11/16/2022	Conventional	Total Suspended Solids	n/a	=	59	mg/L	SM 2540 D	-88	5			
2022/23-1	Lab	LCS, rec	11/16/2022	Conventional	Total Suspended Solids	n/a	=	108	%	SM 2540 D	-88	-88	90	110	
2022/23-1	Lab	method blank	11/16/2022	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2022/23-1	MO-MPK	lab duplicate	11/15/2022	Conventional	Total Suspended Solids	n/a	=	4010	mg/L	SM 2540 D	-88	5		20	
2022/23-1	MO-OJA	lab duplicate	11/16/2022	Conventional	Total Suspended Solids	n/a	=	708	mg/L	SM 2540 D	-88	5		20	
2022/23-1	MO-SIM	lab duplicate	11/16/2022	Conventional	Total Suspended Solids	n/a	=	700	mg/L	SM 2540 D	-88	5		20	
2022/23-1	Lab	method blank	11/10/2022	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2022/23-1	Lab	LCS	11/10/2022	Conventional	Turbidity	n/a	=	10.2	NTU	EPA 180.1	0.017	0.1			
2022/23-1	Lab	LCS, rec	11/10/2022	Conventional	Turbidity	n/a	=	102	%	EPA 180.1	-88	-88	90	110	
2022/23-1	Lab	LCS	11/10/2022	Conventional	Turbidity	n/a	=	2.06	NTU	EPA 180.1	0.017	0.1			
2022/23-1	Lab	LCS, rec	11/10/2022	Conventional	Turbidity	n/a	=	103	%	EPA 180.1	-88	-88	90	110	
2022/23-1	Lab	method blank	11/10/2022	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2022/23-1	Lab	LCS	11/10/2022	Conventional	Turbidity	n/a	=	9.79	NTU	EPA 180.1	0.017	0.1			
2022/23-1	Lab	LCS	11/10/2022	Conventional	Turbidity	n/a	=	2.02	NTU	EPA 180.1	0.017	0.1			
2022/23-1	Lab	LCS, rec	11/10/2022	Conventional	Turbidity	n/a	=	98	%	EPA 180.1	-88	-88	90	110	
2022/23-1	Lab	LCS, rec	11/10/2022	Conventional	Turbidity	n/a	=	101	%	EPA 180.1	-88	-88	90	110	
2022/23-1	Lab	LCS	11/10/2022	Conventional	Turbidity	n/a	=	10.2	NTU	EPA 180.1	0.017	0.1			
2022/23-1	Lab	LCS	11/10/2022	Conventional	Turbidity	n/a	=	2.05	NTU	EPA 180.1	0.017	0.1			
2022/23-1	Lab	LCS, rec	11/10/2022	Conventional	Turbidity	n/a	=	102	%	EPA 180.1	-88	-88	90	110	
2022/23-1	Lab	LCS, rec	11/10/2022	Conventional	Turbidity	n/a	=	102	%	EPA 180.1	-88	-88	90	110	
2022/23-1	Lab	method blank	11/10/2022	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2022/23-1	ME-CC	lab duplicate	11/10/2022	Conventional	Turbidity	n/a	=	18	NTU	EPA 180.1	0.017	0.1		10	
2022/23-1	MO-MPK	lab duplicate	11/10/2022	Conventional	Turbidity	n/a	=	115	NTU	EPA 180.1	0.085	0.5		10	
2022/23-1	MO-OJA	lab duplicate	11/10/2022	Conventional	Turbidity	n/a	=	240	NTU	EPA 180.1	0.34	2		10	
2022/23-1	Lab	LCS	11/15/2022	Conventional	Volatile Suspended Solids	n/a	=	48	mg/L	EPA 160.4	0.093	0.15			
2022/23-1	Lab	LCS, rec	11/15/2022	Conventional	Volatile Suspended Solids	n/a	=	105	%	EPA 160.4	-88	-88	90	110	
2022/23-1	Lab	method blank	11/15/2022	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2022/23-1	Lab	LCS	11/16/2022	Conventional	Volatile Suspended Solids	n/a	=	43	mg/L	EPA 160.4	0.093	0.15			
2022/23-1	Lab	LCS, rec	11/16/2022	Conventional	Volatile Suspended Solids	n/a	=	110	%	EPA 160.4	-88	-88	90	110	
2022/23-1	Lab	method blank	11/16/2022	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2022/23-1	MO-MPK	lab duplicate	11/15/2022	Conventional	Volatile Suspended Solids	n/a	=	410	mg/L	EPA 160.4	3.1	5		15	
2022/23-1	MO-OJA	lab duplicate	11/16/2022	Conventional	Volatile Suspended Solids	n/a	=	150	mg/L	EPA 160.4	3.1	5		15	
2022/23-1	MO-SIM	lab duplicate	11/16/2022	Conventional	Volatile Suspended Solids	n/a	=	130	mg/L	EPA 160.4	3.1	5		15	
2022/23-1	Lab	method blank	12/1/2022	Hydrocarbon	Diesel Range Organics	n/a	<	0.072	mg/L	EPA 8015B	0.072	0.1			
2022/23-1	Lab	LCS	12/1/2022	Hydrocarbon	Diesel Range Organics	n/a	=	0.353	mg/L	EPA 8015B	0.072	0.1			
2022/23-1	Lab	LCS, rec	12/1/2022	Hydrocarbon	Diesel Range Organics	n/a	=	71	%	EPA 8015B	-88	-88	70	130	
2022/23-1	Lab	LCS dup	12/1/2022	Hydrocarbon	Diesel Range Organics	n/a	=	0.429	mg/L	EPA 8015B	0.072	0.1			
2022/23-1	Lab	LCS dup, rec	12/1/2022	Hydrocarbon	Diesel Range Organics	n/a	=	86	%	EPA 8015B	-88	-88	70	130	
2022/23-1	Lab	LCS, RPD	12/1/2022	Hydrocarbon	Diesel Range Organics	n/a	=	19	%	EPA 8015B	-88	-88	0	25	
2022/23-1	Lab	method blank	12/19/2022	Hydrocarbon	Diesel Range Organics	n/a	<	0.072	mg/L	EPA 8015B	0.072	0.1			
2022/23-1	Lab	LCS	12/19/2022	Hydrocarbon	Diesel Range Organics	n/a	=	0.363	mg/L	EPA 8015B	0.072	0.1			
2022/23-1	Lab	LCS, rec	12/19/2022	Hydrocarbon	Diesel Range Organics	n/a	=	73	%	EPA 8015B	-88	-88	70	130	
2022/23-1	Lab	LCS dup	12/19/2022	Hydrocarbon	Diesel Range Organics	n/a	=	0.401	mg/L	EPA 8015B	0.072	0.1			
2022/23-1	Lab	LCS dup, rec	12/19/2022	Hydrocarbon	Diesel Range Organics	n/a	=	80	%	EPA 8015B	-88	-88	70	130	
2022/23-1	Lab	LCS, RPD	12/19/2022	Hydrocarbon	Diesel Range Organics	n/a	=	10	%	EPA 8015B	-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	
2022/23-1	Lab	LCS	11/17/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	1.02	mg/L	EPA 8260B	0.065	0.1			
2022/23-1	Lab	LCS, rec	11/17/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	102	%	EPA 8260B	-88	-88	53	136	
2022/23-1	Lab	LCS dup	11/17/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	0.998	mg/L	EPA 8260B	0.065	0.1			
2022/23-1	Lab	LCS dup, rec	11/17/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	100	%	EPA 8260B	-88	-88	53	136	
2022/23-1	Lab	LCS, RPD	11/17/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	2	%	EPA 8260B	-88	-88	0	25	
2022/23-1	Lab	method blank	11/17/2022	Hydrocarbon	Gasoline Range Organics	n/a	DNQ	0.0779	mg/L	EPA 8260B	0.065	0.1			IP
2022/23-1	MO-CAM	field duplicate	11/17/2022	Hydrocarbon	Gasoline Range Organics	n/a	DNQ	0.074	mg/L	EPA 8260B	0.065	0.1			
2022/23-1	MO-OJA	field blank	11/17/2022	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1			
2022/23-1	Lab	srgt method blank	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.296	mg/L	EPA 8015B	-88	-88			
2022/23-1	Lab	srgt method blank, rec	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	118	%	EPA 8015B	-88	-88	64	155	
2022/23-1	Lab	srgt LCS	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.21	mg/L	EPA 8015B	-88	-88			
2022/23-1	Lab	srgt LCS, rec	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	84	%	EPA 8015B	-88	-88	64	155	
2022/23-1	Lab	srgt LCS dup	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.295	mg/L	EPA 8015B	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	118	%	EPA 8015B	-88	-88	64	155	
2022/23-1	Lab	srgt method blank	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.261	mg/L	EPA 8015B	-88	-88			
2022/23-1	Lab	srgt method blank, rec	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	104	%	EPA 8015B	-88	-88	64	155	
2022/23-1	Lab	srgt LCS	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.227	mg/L	EPA 8015B	-88	-88			
2022/23-1	Lab	srgt LCS, rec	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	91	%	EPA 8015B	-88	-88	64	155	
2022/23-1	Lab	srgt LCS dup	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.257	mg/L	EPA 8015B	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	103	%	EPA 8015B	-88	-88	64	155	
2022/23-1	ME-CC	srgt environ	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.237	mg/L	EPA 8015B	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	95	%	EPA 8015B	-88	-88	64	155	
2022/23-1	ME-VR2	srgt environ	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.328	mg/L	EPA 8015B	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	131	%	EPA 8015B	-88	-88	64	155	
2022/23-1	MO-CAM	srgt environ	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.248	mg/L	EPA 8015B	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	99	%	EPA 8015B	-88	-88	64	155	
2022/23-1	MO-FIL	srgt environ	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.195	mg/L	EPA 8015B	-88	-88			
2022/23-1	MO-FIL	srgt environ, rec	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	78	%	EPA 8015B	-88	-88	64	155	
2022/23-1	MO-HUE	srgt environ	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.261	mg/L	EPA 8015B	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	104	%	EPA 8015B	-88	-88	64	155	
2022/23-1	MO-MEI	srgt environ	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.26	mg/L	EPA 8015B	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	104	%	EPA 8015B	-88	-88	64	155	
2022/23-1	MO-MPK	srgt environ	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.198	mg/L	EPA 8015B	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	79	%	EPA 8015B	-88	-88	64	155	
2022/23-1	MO-OJA	srgt environ	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.179	mg/L	EPA 8015B	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	71	%	EPA 8015B	-88	-88	64	155	
2022/23-1	MO-OXN	srgt environ	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.252	mg/L	EPA 8015B	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	101	%	EPA 8015B	-88	-88	64	155	
2022/23-1	MO-SIM	srgt environ	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.203	mg/L	EPA 8015B	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	81	%	EPA 8015B	-88	-88	64	155	
2022/23-1	MO-SPA	srgt environ	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.245	mg/L	EPA 8015B	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	98	%	EPA 8015B	-88	-88	64	155	
2022/23-1	MO-THO	srgt environ	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.311	mg/L	EPA 8015B	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	124	%	EPA 8015B	-88	-88	64	155	
2022/23-1	MO-VEN	srgt environ	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.319	mg/L	EPA 8015B	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	12/1/2022	Hydrocarbon	n-Tetracosane	n/a	=	128	%	EPA 8015B	-88	-88	64	155	
2022/23-1	Lab	LCS	11/22/2022	Hydrocarbon	Oil and Grease	n/a	=	4.5	mg/L	EPA 1664B	0.6	4			

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Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS	11/22/2022	Hydrocarbon	Oil and Grease	n/a	=	14.6	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS dup	11/22/2022	Hydrocarbon	Oil and Grease	n/a	=	14.7	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS dup, rec	11/22/2022	Hydrocarbon	Oil and Grease	n/a	=	87	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, rec	11/22/2022	Hydrocarbon	Oil and Grease	n/a	=	87	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, rec	11/22/2022	Hydrocarbon	Oil and Grease	n/a	=	112	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, RPD	11/22/2022	Hydrocarbon	Oil and Grease	n/a	=	0.7	%	EPA 1664B	-88	-88	0	18	
2022/23-1	Lab	method blank	11/22/2022	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS	11/23/2022	Hydrocarbon	Oil and Grease	n/a	=	15.5	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS	11/23/2022	Hydrocarbon	Oil and Grease	n/a	=	4.4	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS dup	11/23/2022	Hydrocarbon	Oil and Grease	n/a	=	14.8	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS dup, rec	11/23/2022	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, rec	11/23/2022	Hydrocarbon	Oil and Grease	n/a	=	92	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, rec	11/23/2022	Hydrocarbon	Oil and Grease	n/a	=	110	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, RPD	11/23/2022	Hydrocarbon	Oil and Grease	n/a	=	5	%	EPA 1664B	-88	-88	0	18	
2022/23-1	Lab	method blank	11/23/2022	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS	11/23/2022	Hydrocarbon	Oil and Grease	n/a	=	4.1	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS	11/23/2022	Hydrocarbon	Oil and Grease	n/a	=	14.5	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS dup	11/23/2022	Hydrocarbon	Oil and Grease	n/a	=	14.4	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS dup, rec	11/23/2022	Hydrocarbon	Oil and Grease	n/a	=	85	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, rec	11/23/2022	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, rec	11/23/2022	Hydrocarbon	Oil and Grease	n/a	=	102	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, RPD	11/23/2022	Hydrocarbon	Oil and Grease	n/a	=	0.7	%	EPA 1664B	-88	-88	0	18	
2022/23-1	Lab	method blank	11/23/2022	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS	11/28/2022	Hydrocarbon	Oil and Grease	n/a	=	15.9	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS	11/28/2022	Hydrocarbon	Oil and Grease	n/a	=	4.3	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS dup	11/28/2022	Hydrocarbon	Oil and Grease	n/a	=	15.8	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS dup, rec	11/28/2022	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, rec	11/28/2022	Hydrocarbon	Oil and Grease	n/a	=	108	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, rec	11/28/2022	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, RPD	11/28/2022	Hydrocarbon	Oil and Grease	n/a	=	0.6	%	EPA 1664B	-88	-88	0	18	
2022/23-1	Lab	method blank	11/28/2022	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS	11/29/2022	Hydrocarbon	Oil and Grease	n/a	=	15.8	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS	11/29/2022	Hydrocarbon	Oil and Grease	n/a	DNQ	3.8	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS dup	11/29/2022	Hydrocarbon	Oil and Grease	n/a	=	15.9	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS dup, rec	11/29/2022	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, rec	11/29/2022	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, rec	11/29/2022	Hydrocarbon	Oil and Grease	n/a	=	95	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, RPD	11/29/2022	Hydrocarbon	Oil and Grease	n/a	=	0.6	%	EPA 1664B	-88	-88	0	18	
2022/23-1	Lab	method blank	11/29/2022	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS	11/30/2022	Hydrocarbon	Oil and Grease	n/a	=	15.8	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS	11/30/2022	Hydrocarbon	Oil and Grease	n/a	=	4.2	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS dup	11/30/2022	Hydrocarbon	Oil and Grease	n/a	=	15.4	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS dup, rec	11/30/2022	Hydrocarbon	Oil and Grease	n/a	=	91	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, rec	11/30/2022	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, rec	11/30/2022	Hydrocarbon	Oil and Grease	n/a	=	105	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, RPD	11/30/2022	Hydrocarbon	Oil and Grease	n/a	=	3	%	EPA 1664B	-88	-88	0	18	
2022/23-1	Lab	method blank	11/30/2022	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS	12/1/2022	Hydrocarbon	Oil and Grease	n/a	DNQ	3.6	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS	12/1/2022	Hydrocarbon	Oil and Grease	n/a	=	15.8	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS dup	12/1/2022	Hydrocarbon	Oil and Grease	n/a	=	14.9	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS dup, rec	12/1/2022	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, rec	12/1/2022	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, rec	12/1/2022	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, RPD	12/1/2022	Hydrocarbon	Oil and Grease	n/a	=	6	%	EPA 1664B	-88	-88	0	18	
2022/23-1	Lab	method blank	12/1/2022	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS	12/2/2022	Hydrocarbon	Oil and Grease	n/a	DNQ	3.5	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS	12/2/2022	Hydrocarbon	Oil and Grease	n/a	=	15.5	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS dup	12/2/2022	Hydrocarbon	Oil and Grease	n/a	=	15.5	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	LCS dup, rec	12/2/2022	Hydrocarbon	Oil and Grease	n/a	=	92	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, rec	12/2/2022	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, rec	12/2/2022	Hydrocarbon	Oil and Grease	n/a	=	92	%	EPA 1664B	-88	-88	78	114	
2022/23-1	Lab	LCS, RPD	12/2/2022	Hydrocarbon	Oil and Grease	n/a	=	0	%	EPA 1664B	-88	-88	0	18	
2022/23-1	Lab	method blank	12/2/2022	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2022/23-1	MO-CAM	field duplicate	11/23/2022	Hydrocarbon	Oil and Grease	n/a	DNQ	1.4	mg/L	EPA 1664B	0.6	4			
2022/23-1	MO-OJA	field blank	11/30/2022	Hydrocarbon	Oil and Grease	n/a	DNQ	1.8	mg/L	EPA 1664B	0.6	4			
2022/23-1	Lab	method blank	12/1/2022	Hydrocarbon	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5			
2022/23-1	Lab	method blank	12/19/2022	Hydrocarbon	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5			
2022/23-1	Lab	method blank	11/15/2022	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-1	Lab	LCS	11/15/2022	Metal	Aluminum	Dissolved	=	53.6	µg/L	EPA 200.8	4.4	20			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Aluminum	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-1	Lab	LCS	11/17/2022	Metal	Aluminum	Dissolved	=	54.6	µg/L	EPA 200.8	4.4	20			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Aluminum	Dissolved	=	109	%	EPA 200.8	-88	-88	85	115	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Aluminum	Total	=	1630	µg/L	EPA 200.8	4.4	20			GB
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Aluminum	Total	=	506	%	EPA 200.8	-88	-88	70	130	GB
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Aluminum	Total	=	1710	µg/L	EPA 200.8	4.4	20			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Aluminum	Total	=	661	%	EPA 200.8	-88	-88	70	130	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Aluminum	Total	=	5	%	EPA 200.8	-88	-88	0	30	GB
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Aluminum	Total	=	1460	µg/L	EPA 200.8	4.4	20			GB
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Aluminum	Total	=	505	%	EPA 200.8	-88	-88	70	130	GB
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Aluminum	Total	=	1590	µg/L	EPA 200.8	4.4	20			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Aluminum	Total	=	758	%	EPA 200.8	-88	-88	70	130	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Aluminum	Total	=	8	%	EPA 200.8	-88	-88	0	30	GB
2022/23-1	Lab	method blank	11/15/2022	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-1	Lab	LCS	11/15/2022	Metal	Aluminum	Total	=	53.6	µg/L	EPA 200.8	4.4	20			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Aluminum	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/16/2022	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-1	Lab	LCS	11/16/2022	Metal	Aluminum	Total	=	53.1	µg/L	EPA 200.8	4.4	20			
2022/23-1	Lab	LCS, rec	11/16/2022	Metal	Aluminum	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-1	Lab	LCS	11/17/2022	Metal	Aluminum	Total	=	54.6	µg/L	EPA 200.8	4.4	20			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Aluminum	Total	=	109	%	EPA 200.8	-88	-88	85	115	
2022/23-1	MO-MEI	matrix spike	11/15/2022	Metal	Aluminum	Total	=	6590	µg/L	EPA 200.8	4.4	20			GB
2022/23-1	MO-MEI	matrix spike, rec	11/15/2022	Metal	Aluminum	Total	=	2520	%	EPA 200.8	-88	-88	70	130	GB

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	MO-MEI	matrix spike dup	11/15/2022	Metal	Aluminum	Total	=	6730	µg/L	EPA 200.8	4.4	20			GB
2022/23-1	MO-MEI	matrix spike dup, rec	11/15/2022	Metal	Aluminum	Total	=	281	%	EPA 200.8	-88	-88	70	130	GB
2022/23-1	MO-MEI	matrix spike, RPD	11/15/2022	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	GB
2022/23-1	MO-SIM	matrix spike	11/15/2022	Metal	Aluminum	Total	=	7350	µg/L	EPA 200.8	4.4	20			GB
2022/23-1	MO-SIM	matrix spike, rec	11/15/2022	Metal	Aluminum	Total	=	2740	%	EPA 200.8	-88	-88	70	130	GB
2022/23-1	MO-SIM	matrix spike dup	11/15/2022	Metal	Aluminum	Total	=	7430	µg/L	EPA 200.8	4.4	20			GB
2022/23-1	MO-SIM	matrix spike dup, rec	11/15/2022	Metal	Aluminum	Total	=	288	%	EPA 200.8	-88	-88	70	130	GB
2022/23-1	MO-SIM	matrix spike, RPD	11/15/2022	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	GB
2022/23-1	MO-SIM	matrix spike	11/16/2022	Metal	Aluminum	Total	=	7290	µg/L	EPA 200.8	8.9	40			GB
2022/23-1	MO-SIM	matrix spike, rec	11/16/2022	Metal	Aluminum	Total	=	2600	%	EPA 200.8	-88	-88	70	130	GB
2022/23-1	MO-SIM	matrix spike dup	11/16/2022	Metal	Aluminum	Total	=	7400	µg/L	EPA 200.8	8.9	40			GB
2022/23-1	MO-SIM	matrix spike dup, rec	11/16/2022	Metal	Aluminum	Total	=	283	%	EPA 200.8	-88	-88	70	130	GB
2022/23-1	MO-SIM	matrix spike, RPD	11/16/2022	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	GB
2022/23-1	Lab	method blank	11/15/2022	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-1	Lab	LCS	11/15/2022	Metal	Antimony	Dissolved	=	50.7	µg/L	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Antimony	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-1	Lab	LCS	11/17/2022	Metal	Antimony	Dissolved	=	51.6	µg/L	EPA 200.8	0.089	0.5			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Antimony	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Antimony	Total	=	52.6	µg/L	EPA 200.8	0.089	0.5			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Antimony	Total	=	50.9	µg/L	EPA 200.8	0.089	0.5			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Antimony	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Antimony	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Antimony	Total	=	52.1	µg/L	EPA 200.8	0.089	0.5			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Antimony	Total	=	53	µg/L	EPA 200.8	0.089	0.5			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-1	Lab	LCS	11/15/2022	Metal	Antimony	Total	=	50.7	µg/L	EPA 200.8	0.089	0.5			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-1	Lab	LCS	11/17/2022	Metal	Antimony	Total	=	51.6	µg/L	EPA 200.8	0.089	0.5			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Antimony	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2022/23-1	MO-MEI	matrix spike	11/15/2022	Metal	Antimony	Total	=	45.2	µg/L	EPA 200.8	0.089	0.5			
2022/23-1	MO-MEI	matrix spike, rec	11/15/2022	Metal	Antimony	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike dup	11/15/2022	Metal	Antimony	Total	=	46.5	µg/L	EPA 200.8	0.089	0.5			
2022/23-1	MO-MEI	matrix spike dup, rec	11/15/2022	Metal	Antimony	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike, RPD	11/15/2022	Metal	Antimony	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-1	MO-SIM	matrix spike	11/15/2022	Metal	Antimony	Total	=	46	µg/L	EPA 200.8	0.089	0.5			
2022/23-1	MO-SIM	matrix spike, rec	11/15/2022	Metal	Antimony	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike dup	11/15/2022	Metal	Antimony	Total	=	47.9	µg/L	EPA 200.8	0.089	0.5			
2022/23-1	MO-SIM	matrix spike dup, rec	11/15/2022	Metal	Antimony	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike, RPD	11/15/2022	Metal	Antimony	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-1	Lab	LCS	11/15/2022	Metal	Arsenic	Dissolved	=	49.6	µg/L	EPA 200.8	0.074	0.4			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Arsenic	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-1	Lab	LCS	11/17/2022	Metal	Arsenic	Dissolved	=	50.3	µg/L	EPA 200.8	0.074	0.4			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Arsenic	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Arsenic	Total	=	53	µg/L	EPA 200.8	0.074	0.4			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Arsenic	Total	=	53	µg/L	EPA 200.8	0.074	0.4			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Arsenic	Total	=	0.09	%	EPA 200.8	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Arsenic	Total	=	108	µg/L	EPA 200.8	0.074	0.4			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Arsenic	Total	=	108	µg/L	EPA 200.8	0.074	0.4			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Arsenic	Total	=	0.008	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-1	Lab	LCS	11/15/2022	Metal	Arsenic	Total	=	49.6	µg/L	EPA 200.8	0.074	0.4			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-1	Lab	LCS	11/17/2022	Metal	Arsenic	Total	=	50.3	µg/L	EPA 200.8	0.074	0.4			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-1	MO-MEI	matrix spike	11/15/2022	Metal	Arsenic	Total	=	50.8	µg/L	EPA 200.8	0.074	0.4			
2022/23-1	MO-MEI	matrix spike, rec	11/15/2022	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike dup	11/15/2022	Metal	Arsenic	Total	=	52.3	µg/L	EPA 200.8	0.074	0.4			
2022/23-1	MO-MEI	matrix spike dup, rec	11/15/2022	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike, RPD	11/15/2022	Metal	Arsenic	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-1	MO-SIM	matrix spike	11/15/2022	Metal	Arsenic	Total	=	54.8	µg/L	EPA 200.8	0.074	0.4			
2022/23-1	MO-SIM	matrix spike, rec	11/15/2022	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike dup	11/15/2022	Metal	Arsenic	Total	=	56.4	µg/L	EPA 200.8	0.074	0.4			
2022/23-1	MO-SIM	matrix spike dup, rec	11/15/2022	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike, RPD	11/15/2022	Metal	Arsenic	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Barium	Total	=	99.9	µg/L	EPA 200.8	0.14	1			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Barium	Total	=	96.8	µg/L	EPA 200.8	0.14	1			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Barium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Barium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Barium	Total	=	68.2	µg/L	EPA 200.8	0.14	1			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Barium	Total	=	69.8	µg/L	EPA 200.8	0.14	1			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Barium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2022/23-1	Lab	LCS	11/15/2022	Metal	Barium	Total	=	49.1	µg/L	EPA 200.8	0.14	1			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2022/23-1	Lab	LCS	11/17/2022	Metal	Barium	Total	=	49.5	µg/L	EPA 200.8	0.14	1			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-1	MO-MEI	matrix spike	11/15/2022	Metal	Barium	Total	=	135	µg/L	EPA 200.8	0.14	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	MO-MEI	matrix spike, rec	11/15/2022	Metal	Barium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike dup	11/15/2022	Metal	Barium	Total	=	137	µg/L	EPA 200.8	0.14	1			
2022/23-1	MO-MEI	matrix spike dup, rec	11/15/2022	Metal	Barium	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike, RPD	11/15/2022	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-1	MO-SIM	matrix spike	11/15/2022	Metal	Barium	Total	=	143	µg/L	EPA 200.8	0.14	1			
2022/23-1	MO-SIM	matrix spike, rec	11/15/2022	Metal	Barium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike dup	11/15/2022	Metal	Barium	Total	=	148	µg/L	EPA 200.8	0.14	1			
2022/23-1	MO-SIM	matrix spike dup, rec	11/15/2022	Metal	Barium	Total	=	111	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike, RPD	11/15/2022	Metal	Barium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2022/23-1	Lab	LCS	11/15/2022	Metal	Beryllium	Dissolved	=	48.7	µg/L	EPA 200.8	0.062	0.1			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Beryllium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2022/23-1	Lab	LCS	11/17/2022	Metal	Beryllium	Dissolved	=	47.7	µg/L	EPA 200.8	0.062	0.1			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Beryllium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Beryllium	Total	=	47.6	µg/L	EPA 200.8	0.029	0.1			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Beryllium	Total	=	47.4	µg/L	EPA 200.8	0.029	0.1			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Beryllium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Beryllium	Total	=	46.4	µg/L	EPA 200.8	0.029	0.1			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Beryllium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Beryllium	Total	=	46.6	µg/L	EPA 200.8	0.029	0.1			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Beryllium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Beryllium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1			
2022/23-1	Lab	LCS	11/15/2022	Metal	Beryllium	Total	=	48.7	µg/L	EPA 200.8	0.029	0.1			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1			
2022/23-1	Lab	LCS	11/17/2022	Metal	Beryllium	Total	=	47.7	µg/L	EPA 200.8	0.029	0.1			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2022/23-1	MO-MEI	matrix spike	11/15/2022	Metal	Beryllium	Total	=	48.4	µg/L	EPA 200.8	0.029	0.1			
2022/23-1	MO-MEI	matrix spike, rec	11/15/2022	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike dup	11/15/2022	Metal	Beryllium	Total	=	49.4	µg/L	EPA 200.8	0.029	0.1			
2022/23-1	MO-MEI	matrix spike dup, rec	11/15/2022	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike, RPD	11/15/2022	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-1	MO-SIM	matrix spike	11/15/2022	Metal	Beryllium	Total	=	47.9	µg/L	EPA 200.8	0.029	0.1			
2022/23-1	MO-SIM	matrix spike, rec	11/15/2022	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike dup	11/15/2022	Metal	Beryllium	Total	=	48.8	µg/L	EPA 200.8	0.029	0.1			
2022/23-1	MO-SIM	matrix spike dup, rec	11/15/2022	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike, RPD	11/15/2022	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-1	Lab	LCS	11/15/2022	Metal	Cadmium	Dissolved	=	49.8	µg/L	EPA 200.8	0.042	0.2			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Cadmium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-1	Lab	LCS	11/17/2022	Metal	Cadmium	Dissolved	=	49.5	µg/L	EPA 200.8	0.042	0.2			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Cadmium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Cadmium	Total	=	48.6	µg/L	EPA 200.8	0.042	0.2			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Cadmium	Total	=	47.4	µg/L	EPA 200.8	0.042	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Cadmium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Cadmium	Total	=	48.9	µg/L	EPA 200.8	0.042	0.2			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Cadmium	Total	=	49.4	µg/L	EPA 200.8	0.042	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Cadmium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-1	Lab	LCS	11/15/2022	Metal	Cadmium	Total	=	49.8	µg/L	EPA 200.8	0.042	0.2			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-1	Lab	LCS	11/17/2022	Metal	Cadmium	Total	=	49.5	µg/L	EPA 200.8	0.042	0.2			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-1	MO-MEI	matrix spike	11/15/2022	Metal	Cadmium	Total	=	50.8	µg/L	EPA 200.8	0.042	0.2			
2022/23-1	MO-MEI	matrix spike, rec	11/15/2022	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike dup	11/15/2022	Metal	Cadmium	Total	=	51	µg/L	EPA 200.8	0.042	0.2			
2022/23-1	MO-MEI	matrix spike dup, rec	11/15/2022	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike, RPD	11/15/2022	Metal	Cadmium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2022/23-1	MO-SIM	matrix spike	11/15/2022	Metal	Cadmium	Total	=	50.2	µg/L	EPA 200.8	0.042	0.2			
2022/23-1	MO-SIM	matrix spike, rec	11/15/2022	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike dup	11/15/2022	Metal	Cadmium	Total	=	52	µg/L	EPA 200.8	0.042	0.2			
2022/23-1	MO-SIM	matrix spike dup, rec	11/15/2022	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike, RPD	11/15/2022	Metal	Cadmium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-1	Lab	LCS	11/15/2022	Metal	Chromium	Dissolved	=	50.3	µg/L	EPA 200.8	0.089	0.2			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Chromium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-1	Lab	LCS	11/17/2022	Metal	Chromium	Dissolved	=	50.4	µg/L	EPA 200.8	0.089	0.2			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Chromium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Chromium	Total	=	56.8	µg/L	EPA 200.8	0.089	0.2			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Chromium	Total	=	56	µg/L	EPA 200.8	0.089	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Chromium	Total	=	59.3	µg/L	EPA 200.8	0.089	0.2			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Chromium	Total	=	60.9	µg/L	EPA 200.8	0.089	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Chromium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-1	Lab	LCS	11/15/2022	Metal	Chromium	Total	=	50.3	µg/L	EPA 200.8	0.089	0.2			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-1	Lab	LCS	11/17/2022	Metal	Chromium	Total	=	50.4	µg/L	EPA 200.8	0.089	0.2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-1	MO-MEI	matrix spike	11/15/2022	Metal	Chromium	Total	=	61.9	µg/L	EPA 200.8	0.089	0.2			
2022/23-1	MO-MEI	matrix spike, rec	11/15/2022	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike dup	11/15/2022	Metal	Chromium	Total	=	62.8	µg/L	EPA 200.8	0.089	0.2			
2022/23-1	MO-MEI	matrix spike dup, rec	11/15/2022	Metal	Chromium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike, RPD	11/15/2022	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-1	MO-SIM	matrix spike	11/15/2022	Metal	Chromium	Total	=	64	µg/L	EPA 200.8	0.089	0.2			
2022/23-1	MO-SIM	matrix spike, rec	11/15/2022	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike dup	11/15/2022	Metal	Chromium	Total	=	65.3	µg/L	EPA 200.8	0.089	0.2			
2022/23-1	MO-SIM	matrix spike dup, rec	11/15/2022	Metal	Chromium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike, RPD	11/15/2022	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/14/2022	Metal	Chromium VI	n/a	=	5.35	µg/L	EPA 218.6	0.0079	0.02			
2022/23-1	000NONPJ	matrix spike, rec	11/14/2022	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2022/23-1	000NONPJ	matrix spike dup	11/14/2022	Metal	Chromium VI	n/a	=	5.29	µg/L	EPA 218.6	0.0079	0.02			
2022/23-1	000NONPJ	matrix spike dup, rec	11/14/2022	Metal	Chromium VI	n/a	=	99	%	EPA 218.6	-88	-88	88	112	
2022/23-1	000NONPJ	matrix spike, RPD	11/14/2022	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	
2022/23-1	000NONPJ	matrix spike	11/14/2022	Metal	Chromium VI	n/a	=	5.31	µg/L	EPA 218.6	0.0079	0.02			
2022/23-1	000NONPJ	matrix spike, rec	11/14/2022	Metal	Chromium VI	n/a	=	105	%	EPA 218.6	-88	-88	88	112	
2022/23-1	000NONPJ	matrix spike dup	11/14/2022	Metal	Chromium VI	n/a	=	5.17	µg/L	EPA 218.6	0.0079	0.02			
2022/23-1	000NONPJ	matrix spike dup, rec	11/14/2022	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2022/23-1	000NONPJ	matrix spike, RPD	11/14/2022	Metal	Chromium VI	n/a	=	3	%	EPA 218.6	-88	-88	0	10	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Chromium VI	n/a	=	45.6	µg/L	EPA 218.6	0.079	0.2			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Chromium VI	n/a	=	91	%	EPA 218.6	-88	-88	88	112	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Chromium VI	n/a	=	44.9	µg/L	EPA 218.6	0.079	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Chromium VI	n/a	=	89	%	EPA 218.6	-88	-88	88	112	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Chromium VI	n/a	=	45.3	µg/L	EPA 218.6	0.079	0.2			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Chromium VI	n/a	=	91	%	EPA 218.6	-88	-88	88	112	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Chromium VI	n/a	=	45.5	µg/L	EPA 218.6	0.079	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Chromium VI	n/a	=	91	%	EPA 218.6	-88	-88	88	112	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Chromium VI	n/a	=	0.4	%	EPA 218.6	-88	-88	0	10	
2022/23-1	Lab	method blank	11/14/2022	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2022/23-1	Lab	LCS	11/14/2022	Metal	Chromium VI	n/a	=	5.09	µg/L	EPA 218.6	0.0079	0.02			
2022/23-1	Lab	LCS, rec	11/14/2022	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	90	110	
2022/23-1	Lab	method blank	11/15/2022	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2022/23-1	Lab	LCS	11/15/2022	Metal	Chromium VI	n/a	=	5	µg/L	EPA 218.6	0.0079	0.02			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	90	110	
2022/23-1	Lab	method blank	11/17/2022	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2022/23-1	Lab	LCS	11/18/2022	Metal	Chromium VI	n/a	=	4.7	µg/L	EPA 218.6	0.0079	0.02			
2022/23-1	Lab	LCS, rec	11/18/2022	Metal	Chromium VI	n/a	=	94	%	EPA 218.6	-88	-88	90	110	
2022/23-1	ME-VR2	matrix spike	11/15/2022	Metal	Chromium VI	n/a	=	4.98	µg/L	EPA 218.6	0.0079	0.02			
2022/23-1	ME-VR2	matrix spike, rec	11/15/2022	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2022/23-1	ME-VR2	matrix spike dup	11/15/2022	Metal	Chromium VI	n/a	=	5.14	µg/L	EPA 218.6	0.0079	0.02			
2022/23-1	ME-VR2	matrix spike dup, rec	11/15/2022	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	88	112	
2022/23-1	ME-VR2	matrix spike, RPD	11/15/2022	Metal	Chromium VI	n/a	=	3	%	EPA 218.6	-88	-88	0	10	
2022/23-1	Lab	method blank	11/15/2022	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-1	Lab	LCS	11/15/2022	Metal	Copper	Dissolved	=	51.3	µg/L	EPA 200.8	0.23	0.5			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Copper	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-1	Lab	LCS	11/17/2022	Metal	Copper	Dissolved	=	51.6	µg/L	EPA 200.8	0.23	0.5			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Copper	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Copper	Total	=	71.7	µg/L	EPA 200.8	0.23	0.5			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Copper	Total	=	70.9	µg/L	EPA 200.8	0.23	0.5			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Copper	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Copper	Total	=	63.3	µg/L	EPA 200.8	0.23	0.5			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Copper	Total	=	64.9	µg/L	EPA 200.8	0.23	0.5			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Copper	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-1	Lab	LCS	11/15/2022	Metal	Copper	Total	=	51.3	µg/L	EPA 200.8	0.23	0.5			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-1	Lab	LCS	11/17/2022	Metal	Copper	Total	=	51.6	µg/L	EPA 200.8	0.23	0.5			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2022/23-1	MO-MEI	matrix spike	11/15/2022	Metal	Copper	Total	=	73.2	µg/L	EPA 200.8	0.23	0.5			
2022/23-1	MO-MEI	matrix spike, rec	11/15/2022	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike dup	11/15/2022	Metal	Copper	Total	=	74.2	µg/L	EPA 200.8	0.23	0.5			
2022/23-1	MO-MEI	matrix spike dup, rec	11/15/2022	Metal	Copper	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike, RPD	11/15/2022	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-1	MO-SIM	matrix spike	11/15/2022	Metal	Copper	Total	=	91.4	µg/L	EPA 200.8	0.23	0.5			
2022/23-1	MO-SIM	matrix spike, rec	11/15/2022	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike dup	11/15/2022	Metal	Copper	Total	=	93.2	µg/L	EPA 200.8	0.23	0.5			
2022/23-1	MO-SIM	matrix spike dup, rec	11/15/2022	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike, RPD	11/15/2022	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-1	Lab	LCS	11/15/2022	Metal	Iron	Dissolved	=	1120	µg/L	EPA 200.8	3.9	20			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Iron	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-1	Lab	LCS	11/17/2022	Metal	Iron	Dissolved	=	1160	µg/L	EPA 200.8	3.9	20			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Iron	Dissolved	=	111	%	EPA 200.8	-88	-88	85	115	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Iron	Total	=	2540	µg/L	EPA 200.8	3.9	20			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Iron	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Iron	Total	=	2630	µg/L	EPA 200.8	3.9	20			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Iron	Total	=	112	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Iron	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Iron	Total	=	2460	µg/L	EPA 200.8	3.9	20			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Iron	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Iron	Total	=	2720	µg/L	EPA 200.8	3.9	20			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Iron	Total	=	121	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Iron	Total	=	10	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS	11/15/2022	Metal	Iron	Total	=	1120	µg/L	EPA 200.8	3.9	20			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Iron	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/16/2022	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-1	Lab	LCS	11/16/2022	Metal	Iron	Total	=	1150	µg/L	EPA 200.8	3.9	20			
2022/23-1	Lab	LCS, rec	11/16/2022	Metal	Iron	Total	=	109	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-1	Lab	LCS	11/17/2022	Metal	Iron	Total	=	1160	µg/L	EPA 200.8	3.9	20			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Iron	Total	=	111	%	EPA 200.8	-88	-88	85	115	
2022/23-1	MO-MEI	matrix spike	11/15/2022	Metal	Iron	Total	=	7710	µg/L	EPA 200.8	3.9	20			GB
2022/23-1	MO-MEI	matrix spike, rec	11/15/2022	Metal	Iron	Total	=	151	%	EPA 200.8	-88	-88	70	130	GB
2022/23-1	MO-MEI	matrix spike dup	11/15/2022	Metal	Iron	Total	=	7680	µg/L	EPA 200.8	3.9	20			GB
2022/23-1	MO-MEI	matrix spike dup, rec	11/15/2022	Metal	Iron	Total	=	149	%	EPA 200.8	-88	-88	70	130	GB
2022/23-1	MO-MEI	matrix spike, RPD	11/15/2022	Metal	Iron	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	GB
2022/23-1	MO-SIM	matrix spike	11/16/2022	Metal	Iron	Total	=	11100	µg/L	EPA 200.8	7.9	40			GB
2022/23-1	MO-SIM	matrix spike, rec	11/16/2022	Metal	Iron	Total	=	166	%	EPA 200.8	-88	-88	70	130	GB
2022/23-1	MO-SIM	matrix spike dup	11/16/2022	Metal	Iron	Total	=	11200	µg/L	EPA 200.8	7.9	40			GB
2022/23-1	MO-SIM	matrix spike dup, rec	11/16/2022	Metal	Iron	Total	=	176	%	EPA 200.8	-88	-88	70	130	GB
2022/23-1	MO-SIM	matrix spike, RPD	11/16/2022	Metal	Iron	Total	=	1	%	EPA 200.8	-88	-88	0	30	GB
2022/23-1	Lab	method blank	11/15/2022	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-1	Lab	LCS	11/15/2022	Metal	Lead	Dissolved	=	49.8	µg/L	EPA 200.8	0.083	0.2			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-1	Lab	LCS	11/17/2022	Metal	Lead	Dissolved	=	49.9	µg/L	EPA 200.8	0.083	0.2			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Lead	Total	=	124	µg/L	EPA 200.8	0.083	0.2			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Lead	Total	=	121	µg/L	EPA 200.8	0.083	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Lead	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Lead	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Lead	Total	=	63.6	µg/L	EPA 200.8	0.083	0.2			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Lead	Total	=	64.7	µg/L	EPA 200.8	0.083	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-1	Lab	LCS	11/15/2022	Metal	Lead	Total	=	49.8	µg/L	EPA 200.8	0.083	0.2			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-1	Lab	LCS	11/17/2022	Metal	Lead	Total	=	49.9	µg/L	EPA 200.8	0.083	0.2			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-1	MO-MEI	matrix spike	11/15/2022	Metal	Lead	Total	=	61.1	µg/L	EPA 200.8	0.083	0.2			
2022/23-1	MO-MEI	matrix spike, rec	11/15/2022	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike dup	11/15/2022	Metal	Lead	Total	=	62.3	µg/L	EPA 200.8	0.083	0.2			
2022/23-1	MO-MEI	matrix spike dup, rec	11/15/2022	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike, RPD	11/15/2022	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-1	MO-SIM	matrix spike	11/15/2022	Metal	Lead	Total	=	68.7	µg/L	EPA 200.8	0.083	0.2			
2022/23-1	MO-SIM	matrix spike, rec	11/15/2022	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	MO-SIM	matrix spike dup	11/15/2022	Metal	Lead	Total	=	70.4	µg/L	EPA 200.8	0.083	0.2			
2022/23-1	MO-SIM	matrix spike dup, rec	11/15/2022	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike, RPD	11/15/2022	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/17/2022	Metal	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50			
2022/23-1	Lab	LCS	11/17/2022	Metal	Mercury	Dissolved	=	970	ng/L	EPA 245.1	37	50			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Mercury	Dissolved	=	97	%	EPA 245.1	-88	-88	85	115	
2022/23-1	Lab	method blank	11/21/2022	Metal	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50			
2022/23-1	Lab	LCS	11/21/2022	Metal	Mercury	Dissolved	=	1140	ng/L	EPA 245.1	37	50			
2022/23-1	Lab	LCS, rec	11/21/2022	Metal	Mercury	Dissolved	=	114	%	EPA 245.1	-88	-88	85	115	
2022/23-1	ME-CC	matrix spike	11/17/2022	Metal	Mercury	Dissolved	=	1010	ng/L	EPA 245.1	37	50			
2022/23-1	ME-CC	matrix spike, rec	11/17/2022	Metal	Mercury	Dissolved	=	101	%	EPA 245.1	-88	-88	70	130	
2022/23-1	ME-CC	matrix spike dup	11/17/2022	Metal	Mercury	Dissolved	=	987	ng/L	EPA 245.1	37	50			
2022/23-1	ME-CC	matrix spike dup, rec	11/17/2022	Metal	Mercury	Dissolved	=	99	%	EPA 245.1	-88	-88	70	130	
2022/23-1	ME-CC	matrix spike, RPD	11/17/2022	Metal	Mercury	Dissolved	=	2	%	EPA 245.1	-88	-88	0	20	
2022/23-1	Lab	method blank	11/17/2022	Metal	Mercury	Total	<	37	ng/L	EPA 245.1	37	50			
2022/23-1	Lab	LCS	11/17/2022	Metal	Mercury	Total	=	970	ng/L	EPA 245.1	37	50			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	85	115	
2022/23-1	Lab	method blank	11/21/2022	Metal	Mercury	Total	<	37	ng/L	EPA 245.1	37	50			
2022/23-1	Lab	LCS	11/21/2022	Metal	Mercury	Total	=	1140	ng/L	EPA 245.1	37	50			
2022/23-1	Lab	LCS, rec	11/21/2022	Metal	Mercury	Total	=	114	%	EPA 245.1	-88	-88	85	115	
2022/23-1	ME-CC	matrix spike	11/17/2022	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	37	50			
2022/23-1	ME-CC	matrix spike, rec	11/17/2022	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2022/23-1	ME-CC	matrix spike dup	11/17/2022	Metal	Mercury	Total	=	987	ng/L	EPA 245.1	37	50			
2022/23-1	ME-CC	matrix spike dup, rec	11/17/2022	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	70	130	
2022/23-1	ME-CC	matrix spike, RPD	11/17/2022	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2022/23-1	MO-HUE	matrix spike	11/21/2022	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	37	50			
2022/23-1	MO-HUE	matrix spike, rec	11/21/2022	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	
2022/23-1	MO-HUE	matrix spike dup	11/21/2022	Metal	Mercury	Total	=	916	ng/L	EPA 245.1	37	50			
2022/23-1	MO-HUE	matrix spike dup, rec	11/21/2022	Metal	Mercury	Total	=	92	%	EPA 245.1	-88	-88	70	130	
2022/23-1	MO-HUE	matrix spike, RPD	11/21/2022	Metal	Mercury	Total	=	10	%	EPA 245.1	-88	-88	0	20	
2022/23-1	MO-MEI	matrix spike	11/21/2022	Metal	Mercury	Total	=	1200	ng/L	EPA 245.1	37	50			
2022/23-1	MO-MEI	matrix spike, rec	11/21/2022	Metal	Mercury	Total	=	116	%	EPA 245.1	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike dup	11/21/2022	Metal	Mercury	Total	=	1320	ng/L	EPA 245.1	37	50			
2022/23-1	MO-MEI	matrix spike dup, rec	11/21/2022	Metal	Mercury	Total	=	128	%	EPA 245.1	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike, RPD	11/21/2022	Metal	Mercury	Total	=	9	%	EPA 245.1	-88	-88	0	20	
2022/23-1	Lab	method blank	11/15/2022	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2022/23-1	Lab	LCS	11/15/2022	Metal	Nickel	Dissolved	=	51.2	µg/L	EPA 200.8	0.16	2			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Nickel	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2022/23-1	Lab	LCS	11/17/2022	Metal	Nickel	Dissolved	=	51.8	µg/L	EPA 200.8	0.16	2			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Nickel	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Nickel	Total	=	52.8	µg/L	EPA 200.8	0.16	2			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Nickel	Total	=	51.8	µg/L	EPA 200.8	0.16	2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Nickel	Total	=	51.6	µg/L	EPA 200.8	0.16	2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Nickel	Total	=	52.8	µg/L	EPA 200.8	0.16	2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Nickel	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2022/23-1	Lab	LCS	11/15/2022	Metal	Nickel	Total	=	51.2	µg/L	EPA 200.8	0.16	2			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Nickel	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2022/23-1	Lab	LCS	11/17/2022	Metal	Nickel	Total	=	51.8	µg/L	EPA 200.8	0.16	2			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Nickel	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2022/23-1	MO-MEI	matrix spike	11/15/2022	Metal	Nickel	Total	=	66.7	µg/L	EPA 200.8	0.16	2			
2022/23-1	MO-MEI	matrix spike, rec	11/15/2022	Metal	Nickel	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike dup	11/15/2022	Metal	Nickel	Total	=	67.9	µg/L	EPA 200.8	0.16	2			
2022/23-1	MO-MEI	matrix spike dup, rec	11/15/2022	Metal	Nickel	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike, RPD	11/15/2022	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-1	MO-SIM	matrix spike	11/15/2022	Metal	Nickel	Total	=	67	µg/L	EPA 200.8	0.16	2			
2022/23-1	MO-SIM	matrix spike, rec	11/15/2022	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike dup	11/15/2022	Metal	Nickel	Total	=	68.2	µg/L	EPA 200.8	0.16	2			
2022/23-1	MO-SIM	matrix spike dup, rec	11/15/2022	Metal	Nickel	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike, RPD	11/15/2022	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-1	Lab	LCS	11/15/2022	Metal	Selenium	Dissolved	=	49	µg/L	EPA 200.8	0.067	0.4			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Selenium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-1	Lab	LCS	11/17/2022	Metal	Selenium	Dissolved	=	49.6	µg/L	EPA 200.8	0.067	0.4			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Selenium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Selenium	Total	=	47.9	µg/L	EPA 200.8	0.067	0.4			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Selenium	Total	=	47.3	µg/L	EPA 200.8	0.067	0.4			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Selenium	Total	=	52.6	µg/L	EPA 200.8	0.067	0.4			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Selenium	Total	=	53.2	µg/L	EPA 200.8	0.067	0.4			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-1	Lab	LCS	11/15/2022	Metal	Selenium	Total	=	49	µg/L	EPA 200.8	0.067	0.4			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-1	Lab	LCS	11/17/2022	Metal	Selenium	Total	=	49.6	µg/L	EPA 200.8	0.067	0.4			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-1	MO-MEI	matrix spike	11/15/2022	Metal	Selenium	Total	=	48.1	µg/L	EPA 200.8	0.067	0.4			
2022/23-1	MO-MEI	matrix spike, rec	11/15/2022	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike dup	11/15/2022	Metal	Selenium	Total	=	48.8	µg/L	EPA 200.8	0.067	0.4			
2022/23-1	MO-MEI	matrix spike dup, rec	11/15/2022	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike, RPD	11/15/2022	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	MO-SIM	matrix spike	11/15/2022	Metal	Selenium	Total	=	51.8	µg/L	EPA 200.8	0.067	0.4			
2022/23-1	MO-SIM	matrix spike, rec	11/15/2022	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike dup	11/15/2022	Metal	Selenium	Total	=	53.5	µg/L	EPA 200.8	0.067	0.4			
2022/23-1	MO-SIM	matrix spike dup, rec	11/15/2022	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike, RPD	11/15/2022	Metal	Selenium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2022/23-1	Lab	LCS	11/15/2022	Metal	Silver	Dissolved	=	49.6	µg/L	EPA 200.8	0.03	0.2			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Silver	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2022/23-1	Lab	LCS	11/17/2022	Metal	Silver	Dissolved	=	49.2	µg/L	EPA 200.8	0.03	0.2			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Silver	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Silver	Total	=	47.6	µg/L	EPA 200.8	0.13	0.2			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Silver	Total	=	46.6	µg/L	EPA 200.8	0.13	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Silver	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Silver	Total	=	47.8	µg/L	EPA 200.8	0.13	0.2			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Silver	Total	=	49.1	µg/L	EPA 200.8	0.13	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Silver	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2			
2022/23-1	Lab	LCS	11/15/2022	Metal	Silver	Total	=	49.6	µg/L	EPA 200.8	0.13	0.2			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2			
2022/23-1	Lab	LCS	11/17/2022	Metal	Silver	Total	=	49.2	µg/L	EPA 200.8	0.13	0.2			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-1	MO-MEI	matrix spike	11/15/2022	Metal	Silver	Total	=	49.8	µg/L	EPA 200.8	0.13	0.2			
2022/23-1	MO-MEI	matrix spike, rec	11/15/2022	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike dup	11/15/2022	Metal	Silver	Total	=	51	µg/L	EPA 200.8	0.13	0.2			
2022/23-1	MO-MEI	matrix spike dup, rec	11/15/2022	Metal	Silver	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike, RPD	11/15/2022	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-1	MO-SIM	matrix spike	11/15/2022	Metal	Silver	Total	=	49.2	µg/L	EPA 200.8	0.13	0.2			
2022/23-1	MO-SIM	matrix spike, rec	11/15/2022	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike dup	11/15/2022	Metal	Silver	Total	=	51.3	µg/L	EPA 200.8	0.13	0.2			
2022/23-1	MO-SIM	matrix spike dup, rec	11/15/2022	Metal	Silver	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike, RPD	11/15/2022	Metal	Silver	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-1	Lab	LCS	11/15/2022	Metal	Thallium	Dissolved	=	48.8	µg/L	EPA 200.8	0.021	0.2			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Thallium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-1	Lab	LCS	11/17/2022	Metal	Thallium	Dissolved	=	49.4	µg/L	EPA 200.8	0.021	0.2			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Thallium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Thallium	Total	=	48.6	µg/L	EPA 200.8	0.021	0.2			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Thallium	Total	=	47	µg/L	EPA 200.8	0.021	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Thallium	Total	=	94	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Thallium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Thallium	Total	=	49.1	µg/L	EPA 200.8	0.021	0.2			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Thallium	Total	=	49.5	µg/L	EPA 200.8	0.021	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Thallium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-1	Lab	LCS	11/15/2022	Metal	Thallium	Total	=	48.8	µg/L	EPA 200.8	0.021	0.2			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-1	Lab	LCS	11/17/2022	Metal	Thallium	Total	=	49.4	µg/L	EPA 200.8	0.021	0.2			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-1	MO-MEI	matrix spike	11/15/2022	Metal	Thallium	Total	=	48.9	µg/L	EPA 200.8	0.021	0.2			
2022/23-1	MO-MEI	matrix spike, rec	11/15/2022	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike dup	11/15/2022	Metal	Thallium	Total	=	50	µg/L	EPA 200.8	0.021	0.2			
2022/23-1	MO-MEI	matrix spike dup, rec	11/15/2022	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike, RPD	11/15/2022	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-1	MO-SIM	matrix spike	11/15/2022	Metal	Thallium	Total	=	49.2	µg/L	EPA 200.8	0.021	0.2			
2022/23-1	MO-SIM	matrix spike, rec	11/15/2022	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike dup	11/15/2022	Metal	Thallium	Total	=	50.3	µg/L	EPA 200.8	0.021	0.2			
2022/23-1	MO-SIM	matrix spike dup, rec	11/15/2022	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike, RPD	11/15/2022	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10			
2022/23-1	Lab	LCS	11/15/2022	Metal	Zinc	Dissolved	=	49.4	µg/L	EPA 200.8	0.8	10			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Zinc	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Zinc	Dissolved	DNQ	1.07	µg/L	EPA 200.8	0.8	10			IP
2022/23-1	Lab	LCS	11/17/2022	Metal	Zinc	Dissolved	=	50.5	µg/L	EPA 200.8	0.8	10			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Zinc	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Zinc	Total	=	128	µg/L	EPA 200.8	1.7	10			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Zinc	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Zinc	Total	=	129	µg/L	EPA 200.8	1.7	10			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Zinc	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Zinc	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Metal	Zinc	Total	=	80.4	µg/L	EPA 200.8	1.7	10			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Metal	Zinc	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Metal	Zinc	Total	=	81.3	µg/L	EPA 200.8	1.7	10			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Metal	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10			
2022/23-1	Lab	LCS	11/15/2022	Metal	Zinc	Total	=	49.4	µg/L	EPA 200.8	1.7	10			
2022/23-1	Lab	LCS, rec	11/15/2022	Metal	Zinc	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-1	Lab	method blank	11/17/2022	Metal	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10			
2022/23-1	Lab	LCS	11/17/2022	Metal	Zinc	Total	=	50.5	µg/L	EPA 200.8	1.7	10			
2022/23-1	Lab	LCS, rec	11/17/2022	Metal	Zinc	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-1	MO-MEI	matrix spike	11/15/2022	Metal	Zinc	Total	=	169	µg/L	EPA 200.8	1.7	10			
2022/23-1	MO-MEI	matrix spike, rec	11/15/2022	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike dup	11/15/2022	Metal	Zinc	Total	=	172	µg/L	EPA 200.8	1.7	10			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	MO-MEI	matrix spike dup, rec	11/15/2022	Metal	Zinc	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-MEI	matrix spike, RPD	11/15/2022	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-1	MO-SIM	matrix spike	11/15/2022	Metal	Zinc	Total	=	222	µg/L	EPA 200.8	1.7	10			
2022/23-1	MO-SIM	matrix spike, rec	11/15/2022	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike dup	11/15/2022	Metal	Zinc	Total	=	225	µg/L	EPA 200.8	1.7	10			
2022/23-1	MO-SIM	matrix spike dup, rec	11/15/2022	Metal	Zinc	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2022/23-1	MO-SIM	matrix spike, RPD	11/15/2022	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Nutrient	Ammonia as N	n/a	=	0.311	mg/L	EPA 350.1	0.017	0.1			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Nutrient	Ammonia as N	n/a	=	0.312	mg/L	EPA 350.1	0.017	0.1			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Nutrient	Ammonia as N	n/a	=	0.1	%	EPA 350.1	-88	-88	0	15	
2022/23-1	000NONPJ	matrix spike	11/17/2022	Nutrient	Ammonia as N	n/a	=	1.11	mg/L	EPA 350.1	0.034	0.2			
2022/23-1	000NONPJ	matrix spike, rec	11/17/2022	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike dup	11/17/2022	Nutrient	Ammonia as N	n/a	=	1.12	mg/L	EPA 350.1	0.034	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/17/2022	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike, RPD	11/17/2022	Nutrient	Ammonia as N	n/a	=	0.4	%	EPA 350.1	-88	-88	0	15	
2022/23-1	Lab	method blank	11/17/2022	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2022/23-1	Lab	LCS	11/17/2022	Nutrient	Ammonia as N	n/a	=	0.264	mg/L	EPA 350.1	0.017	0.1			
2022/23-1	Lab	LCS, rec	11/17/2022	Nutrient	Ammonia as N	n/a	=	106	%	EPA 350.1	-88	-88	90	110	
2022/23-1	Lab	method blank	11/17/2022	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2022/23-1	Lab	LCS	11/17/2022	Nutrient	Ammonia as N	n/a	=	0.261	mg/L	EPA 350.1	0.017	0.1			
2022/23-1	Lab	LCS, rec	11/17/2022	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.78	mg/L	EPA 353.2	0.036	0.2			
2022/23-1	000NONPJ	matrix spike, rec	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike dup	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.78	mg/L	EPA 353.2	0.036	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike, RPD	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2022/23-1	000NONPJ	matrix spike	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.29	mg/L	EPA 353.2	0.036	0.2			
2022/23-1	000NONPJ	matrix spike, rec	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike dup	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.29	mg/L	EPA 353.2	0.036	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike, RPD	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2022/23-1	000NONPJ	matrix spike	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.26	mg/L	EPA 353.2	0.036	0.2			
2022/23-1	000NONPJ	matrix spike, rec	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike dup	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.26	mg/L	EPA 353.2	0.036	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike, RPD	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2022/23-1	000NONPJ	matrix spike	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	9.87	mg/L	EPA 353.2	0.036	0.2			
2022/23-1	000NONPJ	matrix spike, rec	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike dup	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	9.88	mg/L	EPA 353.2	0.036	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike, RPD	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0.1	%	EPA 353.2	-88	-88	0	20	
2022/23-1	Lab	method blank	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2022/23-1	Lab	LCS	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	1.04	mg/L	EPA 353.2	0.036	0.2			
2022/23-1	Lab	LCS, rec	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2022/23-1	Lab	method blank	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	1.04	mg/L	EPA 353.2	0.036	0.2			
2022/23-1	Lab	LCS, rec	11/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike	11/10/2022	Nutrient	Nitrate as N	n/a	=	2.78	mg/L	EPA 353.2	0.04	0.2			
2022/23-1	000NONPJ	matrix spike, rec	11/10/2022	Nutrient	Nitrate as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike dup	11/10/2022	Nutrient	Nitrate as N	n/a	=	2.78	mg/L	EPA 353.2	0.04	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/10/2022	Nutrient	Nitrate as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike, RPD	11/10/2022	Nutrient	Nitrate as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2022/23-1	000NONPJ	matrix spike	11/10/2022	Nutrient	Nitrate as N	n/a	=	2.29	mg/L	EPA 353.2	0.04	0.2			
2022/23-1	000NONPJ	matrix spike, rec	11/10/2022	Nutrient	Nitrate as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike dup	11/10/2022	Nutrient	Nitrate as N	n/a	=	2.29	mg/L	EPA 353.2	0.04	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/10/2022	Nutrient	Nitrate as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike, RPD	11/10/2022	Nutrient	Nitrate as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2022/23-1	000NONPJ	matrix spike	11/10/2022	Nutrient	Nitrate as N	n/a	=	2.26	mg/L	EPA 353.2	0.04	0.2			
2022/23-1	000NONPJ	matrix spike, rec	11/10/2022	Nutrient	Nitrate as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike dup	11/10/2022	Nutrient	Nitrate as N	n/a	=	2.26	mg/L	EPA 353.2	0.04	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/10/2022	Nutrient	Nitrate as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike, RPD	11/10/2022	Nutrient	Nitrate as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2022/23-1	000NONPJ	matrix spike	11/10/2022	Nutrient	Nitrate as N	n/a	=	9.87	mg/L	EPA 353.2	0.04	0.2			
2022/23-1	000NONPJ	matrix spike, rec	11/10/2022	Nutrient	Nitrate as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike dup	11/10/2022	Nutrient	Nitrate as N	n/a	=	9.88	mg/L	EPA 353.2	0.04	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	11/10/2022	Nutrient	Nitrate as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike, RPD	11/10/2022	Nutrient	Nitrate as N	n/a	=	0.1	%	EPA 353.2	-88	-88	0	20	
2022/23-1	Lab	method blank	11/10/2022	Nutrient	Nitrate as N	n/a	<	0.04	mg/L	EPA 353.2	0.04	0.2			
2022/23-1	Lab	LCS	11/10/2022	Nutrient	Nitrate as N	n/a	=	1.04	mg/L	EPA 353.2	0.04	0.2			
2022/23-1	Lab	LCS, rec	11/10/2022	Nutrient	Nitrate as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2022/23-1	Lab	method blank	11/10/2022	Nutrient	Nitrate as N	n/a	<	0.04	mg/L	EPA 353.2	0.04	0.2			
2022/23-1	Lab	LCS	11/10/2022	Nutrient	Nitrate as N	n/a	=	1.04	mg/L	EPA 353.2	0.04	0.2			
2022/23-1	Lab	LCS, rec	11/10/2022	Nutrient	Nitrate as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike	11/16/2022	Nutrient	Phosphorus as P	Dissolved	=	2.21	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	000NONPJ	matrix spike, rec	11/16/2022	Nutrient	Phosphorus as P	Dissolved	=	105	%	EPA 200.7	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/16/2022	Nutrient	Phosphorus as P	Dissolved	=	2.21	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	000NONPJ	matrix spike dup, rec	11/16/2022	Nutrient	Phosphorus as P	Dissolved	=	105	%	EPA 200.7	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/16/2022	Nutrient	Phosphorus as P	Dissolved	=	0.05	%	EPA 200.7	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/16/2022	Nutrient	Phosphorus as P	Dissolved	=	2.21	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	000NONPJ	matrix spike, rec	11/16/2022	Nutrient	Phosphorus as P	Dissolved	=	105	%	EPA 200.7	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/16/2022	Nutrient	Phosphorus as P	Dissolved	=	2.22	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	000NONPJ	matrix spike dup, rec	11/16/2022	Nutrient	Phosphorus as P	Dissolved	=	106	%	EPA 200.7	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/16/2022	Nutrient	Phosphorus as P	Dissolved	=	0.4	%	EPA 200.7	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	Lab	LCS	11/15/2022	Nutrient	Phosphorus as P	Dissolved	=	2.05	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	Lab	LCS, rec	11/15/2022	Nutrient	Phosphorus as P	Dissolved	=	102	%	EPA 200.7	-88	-88	85	115	
2022/23-1	Lab	method blank	11/16/2022	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	Lab	LCS	11/16/2022	Nutrient	Phosphorus as P	Dissolved	=	2.09	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	Lab	LCS, rec	11/16/2022	Nutrient	Phosphorus as P	Dissolved	=	104	%	EPA 200.7	-88	-88	85	115	
2022/23-1	ME-CC	matrix spike	11/15/2022	Nutrient	Phosphorus as P	Dissolved	=	4.94	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	ME-CC	matrix spike, rec	11/15/2022	Nutrient	Phosphorus as P	Dissolved	=	127	%	EPA 200.7	-88	-88	70	130	
2022/23-1	ME-CC	matrix spike dup	11/15/2022	Nutrient	Phosphorus as P	Dissolved	=	4.93	mg/L	EPA 200.7	0.018	0.05			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	ME-CC	matrix spike dup, rec	11/15/2022	Nutrient	Phosphorus as P	Dissolved	=	127	%	EPA 200.7	-88	-88	70	130	
2022/23-1	ME-CC	matrix spike, RPD	11/15/2022	Nutrient	Phosphorus as P	Dissolved	=	0.3	%	EPA 200.7	-88	-88	0	30	
2022/23-1	ME-VR2	matrix spike	11/15/2022	Nutrient	Phosphorus as P	Dissolved	=	2.14	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	ME-VR2	matrix spike, rec	11/15/2022	Nutrient	Phosphorus as P	Dissolved	=	104	%	EPA 200.7	-88	-88	70	130	
2022/23-1	ME-VR2	matrix spike dup	11/15/2022	Nutrient	Phosphorus as P	Dissolved	=	2.14	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	ME-VR2	matrix spike dup, rec	11/15/2022	Nutrient	Phosphorus as P	Dissolved	=	104	%	EPA 200.7	-88	-88	70	130	
2022/23-1	ME-VR2	matrix spike, RPD	11/15/2022	Nutrient	Phosphorus as P	Dissolved	=	0.09	%	EPA 200.7	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/16/2022	Nutrient	Phosphorus as P	Total	=	2.21	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	000NONPJ	matrix spike, rec	11/16/2022	Nutrient	Phosphorus as P	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/16/2022	Nutrient	Phosphorus as P	Total	=	2.21	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	000NONPJ	matrix spike dup, rec	11/16/2022	Nutrient	Phosphorus as P	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/16/2022	Nutrient	Phosphorus as P	Total	=	0.05	%	EPA 200.7	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/16/2022	Nutrient	Phosphorus as P	Total	=	2.21	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	000NONPJ	matrix spike, rec	11/16/2022	Nutrient	Phosphorus as P	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	11/16/2022	Nutrient	Phosphorus as P	Total	=	2.22	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	000NONPJ	matrix spike dup, rec	11/16/2022	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	11/16/2022	Nutrient	Phosphorus as P	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2022/23-1	Lab	method blank	11/15/2022	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	Lab	LCS	11/15/2022	Nutrient	Phosphorus as P	Total	=	2.05	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	Lab	LCS, rec	11/15/2022	Nutrient	Phosphorus as P	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2022/23-1	Lab	method blank	11/16/2022	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	Lab	LCS	11/16/2022	Nutrient	Phosphorus as P	Total	=	2.09	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	Lab	LCS, rec	11/16/2022	Nutrient	Phosphorus as P	Total	=	104	%	EPA 200.7	-88	-88	85	115	
2022/23-1	ME-CC	matrix spike	11/15/2022	Nutrient	Phosphorus as P	Total	=	4.94	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	ME-CC	matrix spike, rec	11/15/2022	Nutrient	Phosphorus as P	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2022/23-1	ME-CC	matrix spike dup	11/15/2022	Nutrient	Phosphorus as P	Total	=	4.93	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	ME-CC	matrix spike dup, rec	11/15/2022	Nutrient	Phosphorus as P	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2022/23-1	ME-CC	matrix spike, RPD	11/15/2022	Nutrient	Phosphorus as P	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2022/23-1	ME-VR2	matrix spike	11/15/2022	Nutrient	Phosphorus as P	Total	=	2.14	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	ME-VR2	matrix spike, rec	11/15/2022	Nutrient	Phosphorus as P	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2022/23-1	ME-VR2	matrix spike dup	11/15/2022	Nutrient	Phosphorus as P	Total	=	2.14	mg/L	EPA 200.7	0.018	0.05			
2022/23-1	ME-VR2	matrix spike dup, rec	11/15/2022	Nutrient	Phosphorus as P	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2022/23-1	ME-VR2	matrix spike, RPD	11/15/2022	Nutrient	Phosphorus as P	Total	=	0.09	%	EPA 200.7	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	12/2/2022	Nutrient	TKN	n/a	=	1.01	mg/L	EPA 351.2	0.065	0.1			
2022/23-1	000NONPJ	matrix spike, rec	12/2/2022	Nutrient	TKN	n/a	=	101	%	EPA 351.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike dup	12/2/2022	Nutrient	TKN	n/a	=	1.03	mg/L	EPA 351.2	0.065	0.1			
2022/23-1	000NONPJ	matrix spike dup, rec	12/2/2022	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike, RPD	12/2/2022	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	10	
2022/23-1	000NONPJ	matrix spike	12/2/2022	Nutrient	TKN	n/a	=	1.3	mg/L	EPA 351.2	0.065	0.1			GB
2022/23-1	000NONPJ	matrix spike, rec	12/2/2022	Nutrient	TKN	n/a	=	111	%	EPA 351.2	-88	-88	90	110	GB
2022/23-1	000NONPJ	matrix spike dup	12/2/2022	Nutrient	TKN	n/a	=	1.22	mg/L	EPA 351.2	0.065	0.1			
2022/23-1	000NONPJ	matrix spike dup, rec	12/2/2022	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike, RPD	12/2/2022	Nutrient	TKN	n/a	=	7	%	EPA 351.2	-88	-88	0	10	
2022/23-1	000NONPJ	matrix spike	12/6/2022	Nutrient	TKN	n/a	=	1.16	mg/L	EPA 351.2	0.065	0.1			
2022/23-1	000NONPJ	matrix spike, rec	12/6/2022	Nutrient	TKN	n/a	=	105	%	EPA 351.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike dup	12/6/2022	Nutrient	TKN	n/a	=	1.14	mg/L	EPA 351.2	0.065	0.1			
2022/23-1	000NONPJ	matrix spike dup, rec	12/6/2022	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	000NONPJ	matrix spike, RPD	12/6/2022	Nutrient	TKN	n/a	=	1	%	EPA 351.2	-88	-88	0	10	
2022/23-1	000NONPJ	matrix spike	12/6/2022	Nutrient	TKN	n/a	=	1.6	mg/L	EPA 351.2	0.065	0.1			GB
2022/23-1	000NONPJ	matrix spike, rec	12/6/2022	Nutrient	TKN	n/a	=	117	%	EPA 351.2	-88	-88	90	110	GB
2022/23-1	000NONPJ	matrix spike dup	12/6/2022	Nutrient	TKN	n/a	=	1.49	mg/L	EPA 351.2	0.065	0.1			
2022/23-1	000NONPJ	matrix spike dup, rec	12/6/2022	Nutrient	TKN	n/a	=	106	%	EPA 351.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike, RPD	12/6/2022	Nutrient	TKN	n/a	=	7	%	EPA 351.2	-88	-88	0	10	
2022/23-1	000NONPJ	matrix spike	12/6/2022	Nutrient	TKN	n/a	=	3.97	mg/L	EPA 351.2	0.13	0.2			GB
2022/23-1	000NONPJ	matrix spike, rec	12/6/2022	Nutrient	TKN	n/a	=	111	%	EPA 351.2	-88	-88	90	110	GB
2022/23-1	000NONPJ	matrix spike dup	12/6/2022	Nutrient	TKN	n/a	=	3.95	mg/L	EPA 351.2	0.13	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	12/6/2022	Nutrient	TKN	n/a	=	110	%	EPA 351.2	-88	-88	90	110	
2022/23-1	000NONPJ	matrix spike, RPD	12/6/2022	Nutrient	TKN	n/a	=	0.4	%	EPA 351.2	-88	-88	0	10	
2022/23-1	Lab	method blank	12/2/2022	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2022/23-1	Lab	LCS	12/2/2022	Nutrient	TKN	n/a	=	0.993	mg/L	EPA 351.2	0.065	0.1			
2022/23-1	Lab	LCS, rec	12/2/2022	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2022/23-1	Lab	method blank	12/2/2022	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2022/23-1	Lab	LCS	12/2/2022	Nutrient	TKN	n/a	=	0.982	mg/L	EPA 351.2	0.065	0.1			
2022/23-1	Lab	LCS, rec	12/2/2022	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2022/23-1	Lab	method blank	12/6/2022	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2022/23-1	Lab	LCS	12/6/2022	Nutrient	TKN	n/a	=	0.996	mg/L	EPA 351.2	0.065	0.1			
2022/23-1	Lab	LCS, rec	12/6/2022	Nutrient	TKN	n/a	=	100	%	EPA 351.2	-88	-88	90	110	
2022/23-1	Lab	method blank	12/6/2022	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2022/23-1	Lab	LCS	12/6/2022	Nutrient	TKN	n/a	=	0.992	mg/L	EPA 351.2	0.065	0.1			
2022/23-1	Lab	LCS, rec	12/6/2022	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2022/23-1	Lab	method blank	12/6/2022	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2022/23-1	Lab	LCS	12/6/2022	Nutrient	TKN	n/a	=	1.01	mg/L	EPA 351.2	0.065	0.1			
2022/23-1	Lab	LCS, rec	12/6/2022	Nutrient	TKN	n/a	=	101	%	EPA 351.2	-88	-88	90	110	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	14.1	µg/L	EPA 625.1	0.49	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	71	%	EPA 625.1	-88	-88	57	130	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	15.7	µg/L	EPA 625.1	0.49	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	79	%	EPA 625.1	-88	-88	57	130	
2022/23-1	Lab	method blank	12/13/2022	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-1	Lab	LCS dup	12/12/2022	Organic	1,2-Dichlorobenzene	n/a	=	13.1	µg/L	EPA 625.1	0.46	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	1,2-Dichlorobenzene	n/a	=	66	%	EPA 625.1	-88	-88	57	120	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	1,2-Dichlorobenzene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	1,2-Dichlorobenzene	n/a	=	14.9	µg/L	EPA 625.1	0.46	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	1,2-Dichlorobenzene	n/a	=	75	%	EPA 625.1	-88	-88	57	120	
2022/23-1	Lab	method blank	12/13/2022	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-1	Lab	srgt LCS	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	49.7	µg/L	EPA 624.1	-88	-88			
2022/23-1	Lab	srgt LCS, rec	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624.1	-88	-88	82	125	
2022/23-1	Lab	srgt LCS dup	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	49.7	µg/L	EPA 624.1	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624.1	-88	-88	82	125	
2022/23-1	Lab	srgt method blank	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	53.1	µg/L	EPA 624.1	-88	-88			
2022/23-1	Lab	srgt method blank, rec	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	106	%	EPA 624.1	-88	-88	82	125	
2022/23-1	Lab	srgt LCS	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	50.4	µg/L	EPA 624.1	-88	-88			
2022/23-1	Lab	srgt LCS, rec	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	101	%	EPA 624.1	-88	-88	82	125	
2022/23-1	Lab	srgt LCS dup	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	48.7	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	
2022/23-1	Lab	srgt LCS dup, rec	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624.1	-88	-88	82	125	
2022/23-1	Lab	srgt method blank	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	52.9	µg/L	EPA 624.1	-88	-88			
2022/23-1	Lab	srgt method blank, rec	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	106	%	EPA 624.1	-88	-88	82	125	
2022/23-1	ME-CC	srgt environ	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	52.7	µg/L	EPA 624.1	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624.1	-88	-88	82	125	
2022/23-1	ME-VR2	srgt environ	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	50.9	µg/L	EPA 624.1	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	102	%	EPA 624.1	-88	-88	82	125	
2022/23-1	MO-CAM	srgt environ	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	52.9	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	106	%	EPA 624.1	-88	-88	82	125	
2022/23-1	MO-CAM	srgt environ	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	55.5	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	111	%	EPA 624.1	-88	-88	82	125	
2022/23-1	MO-FIL	srgt environ	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	52.8	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-FIL	srgt environ, rec	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	106	%	EPA 624.1	-88	-88	82	125	
2022/23-1	MO-HUE	srgt environ	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	50.1	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	100	%	EPA 624.1	-88	-88	82	125	
2022/23-1	MO-MEI	srgt environ	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	54.4	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	109	%	EPA 624.1	-88	-88	82	125	
2022/23-1	MO-MPK	srgt environ	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	53.3	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	107	%	EPA 624.1	-88	-88	82	125	
2022/23-1	MO-OJA	srgt environ	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	52.3	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624.1	-88	-88	82	125	
2022/23-1	MO-OJA	srgt field blank	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	55.8	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-OJA	srgt field blank, rec	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	112	%	EPA 624.1	-88	-88	82	125	
2022/23-1	MO-OXN	srgt environ	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	54.4	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	109	%	EPA 624.1	-88	-88	82	125	
2022/23-1	MO-SIM	srgt environ	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	48.6	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	97	%	EPA 624.1	-88	-88	82	125	
2022/23-1	MO-SPA	srgt environ	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	54.1	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	108	%	EPA 624.1	-88	-88	82	125	
2022/23-1	MO-THO	srgt environ	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	51.5	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	103	%	EPA 624.1	-88	-88	82	125	
2022/23-1	MO-VEN	srgt environ	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	53.6	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	11/12/2022	Organic	1,2-Dichloroethane-d4	n/a	=	107	%	EPA 624.1	-88	-88	82	125	
2022/23-1	Lab	method blank	12/13/2022	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2022/23-1	Lab	LCS dup	12/12/2022	Organic	1,3-Dichlorobenzene	n/a	=	12.7	µg/L	EPA 625.1	0.42	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	1,3-Dichlorobenzene	n/a	=	63	%	EPA 625.1	-88	-88	55	120	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	1,3-Dichlorobenzene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	1,3-Dichlorobenzene	n/a	=	14.3	µg/L	EPA 625.1	0.42	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	1,3-Dichlorobenzene	n/a	=	72	%	EPA 625.1	-88	-88	55	120	
2022/23-1	Lab	method blank	12/13/2022	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2022/23-1	000NONPJ	srgt matrix spike	11/19/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.08	µg/L	EPA 625.1m	-88	-88			GN
2022/23-1	000NONPJ	srgt matrix spike, rec	11/19/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	216	%	EPA 625.1m	-88	-88	23	148	GN
2022/23-1	000NONPJ	srgt matrix spike dup	11/19/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.16	µg/L	EPA 625.1m	-88	-88			GN
2022/23-1	000NONPJ	srgt matrix spike dup, rec	11/19/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	232	%	EPA 625.1m	-88	-88	23	148	GN
2022/23-1	Lab	srgt method blank	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.81	µg/L	EPA 525.2	-88	-88			
2022/23-1	Lab	srgt method blank, rec	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	srgt LCS	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.64	µg/L	EPA 525.2	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	srgt LCS, rec	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	srgt LCS dup	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.84	µg/L	EPA 525.2	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	srgt LCS	11/18/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.411	µg/L	EPA 625.1m	-88	-88			
2022/23-1	Lab	srgt LCS, rec	11/18/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	82	%	EPA 625.1m	-88	-88	23	148	
2022/23-1	Lab	srgt method blank	11/18/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.431	µg/L	EPA 625.1m	-88	-88			
2022/23-1	Lab	srgt method blank, rec	11/18/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	86	%	EPA 625.1m	-88	-88	23	148	
2022/23-1	ME-CC	srgt environ	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	25	µg/L	EPA 525.2	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2022/23-1	ME-CC	srgt environ	11/18/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.47	µg/L	EPA 625.1m	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	11/18/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 625.1m	-88	-88	23	148	
2022/23-1	ME-VR2	srgt environ	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.14	µg/L	EPA 525.2	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2022/23-1	ME-VR2	srgt environ	11/18/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.502	µg/L	EPA 625.1m	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	11/18/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 625.1m	-88	-88	23	148	
2022/23-1	MO-CAM	srgt environ	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	24.9	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2022/23-1	MO-CAM	srgt environ	11/18/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.63	µg/L	EPA 625.1m	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	11/18/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 625.1m	-88	-88	23	148	
2022/23-1	MO-FIL	srgt environ	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	24.3	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-FIL	srgt environ, rec	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2022/23-1	MO-FIL	srgt environ	11/19/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.38	µg/L	EPA 625.1m	-88	-88			
2022/23-1	MO-FIL	srgt environ, rec	11/19/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 625.1m	-88	-88	23	148	
2022/23-1	MO-HUE	srgt environ	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.23	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2022/23-1	MO-HUE	srgt environ	11/19/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.486	µg/L	EPA 625.1m	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	11/19/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 625.1m	-88	-88	23	148	
2022/23-1	MO-MEI	srgt environ	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	50.7	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2022/23-1	MO-MEI	srgt environ	11/18/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.3	µg/L	EPA 625.1m	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	11/18/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 625.1m	-88	-88	23	148	
2022/23-1	MO-MPK	srgt environ	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	48.9	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2022/23-1	MO-MPK	srgt environ	11/19/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.56	µg/L	EPA 625.1m	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	11/19/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 625.1m	-88	-88	23	148	
2022/23-1	MO-OJA	srgt environ	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	47.9	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2022/23-1	MO-OJA	srgt environ	11/18/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.71	µg/L	EPA 625.1m	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	11/18/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 625.1m	-88	-88	23	148	
2022/23-1	MO-OXN	srgt environ	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	25.1	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2022/23-1	MO-OXN	srgt environ	11/19/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.27	µg/L	EPA 625.1m	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	11/19/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 625.1m	-88	-88	23	148	
2022/23-1	MO-SIM	srgt environ	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	25.4	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2022/23-1	MO-SIM	srgt environ	11/19/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.54	µg/L	EPA 625.1m	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	11/19/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 625.1m	-88	-88	23	148	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	MO-SPA	srgt environ	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	47.7	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2022/23-1	MO-SPA	srgt environ	11/19/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.51	µg/L	EPA 625.1m	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	11/19/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 625.1m	-88	-88	23	148	
2022/23-1	MO-THO	srgt environ	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	24.2	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2022/23-1	MO-THO	srgt environ	11/19/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	2.69	µg/L	EPA 625.1m	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	11/19/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 625.1m	-88	-88	23	148	
2022/23-1	MO-VEN	srgt environ	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	48.8	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	11/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2022/23-1	MO-VEN	srgt environ	11/19/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.87	µg/L	EPA 625.1m	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	11/19/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 625.1m	-88	-88	23	148	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	1,4-Dichlorobenzene	n/a	=	12.7	µg/L	EPA 625.1	0.48	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	1,4-Dichlorobenzene	n/a	=	63	%	EPA 625.1	-88	-88	55	120	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	1,4-Dichlorobenzene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	1,4-Dichlorobenzene	n/a	=	14.4	µg/L	EPA 625.1	0.48	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	1,4-Dichlorobenzene	n/a	=	72	%	EPA 625.1	-88	-88	55	120	
2022/23-1	Lab	method blank	12/13/2022	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2022/23-1	Lab	method blank	12/3/2022	Organic	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1			
2022/23-1	Lab	method blank	12/10/2022	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2022/23-1	Lab	srgt method blank	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	28.1	µg/L	EPA 8270C	-88	-88			
2022/23-1	Lab	srgt method blank, rec	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 8270C	-88	-88	26	117	
2022/23-1	Lab	srgt LCS	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	33.3	µg/L	EPA 8270C	-88	-88			
2022/23-1	Lab	srgt LCS, rec	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 8270C	-88	-88	26	117	
2022/23-1	Lab	srgt LCS dup	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	31.9	µg/L	EPA 8270C	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 8270C	-88	-88	26	117	
2022/23-1	Lab	srgt LCS dup	12/12/2022	Organic	2,4,6-Tribromophenol	n/a	=	31.5	µg/L	EPA 625.1	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	12/12/2022	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625.1	-88	-88	25	120	
2022/23-1	Lab	srgt LCS	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	32.2	µg/L	EPA 625.1	-88	-88			
2022/23-1	Lab	srgt LCS, rec	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 625.1	-88	-88	25	120	
2022/23-1	Lab	srgt method blank	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	24	µg/L	EPA 625.1	-88	-88			
2022/23-1	Lab	srgt method blank, rec	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	60	%	EPA 625.1	-88	-88	25	120	
2022/23-1	ME-CC	srgt environ	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	632	µg/L	EPA 8270C	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 8270C	-88	-88	26	117	
2022/23-1	ME-CC	srgt environ	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	542	µg/L	EPA 625.1	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 625.1	-88	-88	25	120	
2022/23-1	ME-VR2	srgt environ	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	34.6	µg/L	EPA 8270C	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 8270C	-88	-88	26	117	
2022/23-1	ME-VR2	srgt environ	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	31.6	µg/L	EPA 625.1	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 625.1	-88	-88	25	120	
2022/23-1	MO-CAM	srgt environ	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	318	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 8270C	-88	-88	26	117	
2022/23-1	MO-CAM	srgt environ	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	291	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625.1	-88	-88	25	120	
2022/23-1	MO-FIL	srgt environ	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	300	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-FIL	srgt environ, rec	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 8270C	-88	-88	26	117	
2022/23-1	MO-FIL	srgt environ	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	274	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	
2022/23-1	MO-FIL	srgt environ, rec	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625.1	-88	-88	25	120	
2022/23-1	MO-HUE	srgt environ	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	31.4	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 8270C	-88	-88	26	117	
2022/23-1	MO-HUE	srgt environ	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	30	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 625.1	-88	-88	25	120	
2022/23-1	MO-MEI	srgt environ	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	319	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 8270C	-88	-88	26	117	
2022/23-1	MO-MEI	srgt environ	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	301	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625.1	-88	-88	25	120	
2022/23-1	MO-MPK	srgt environ	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	313	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 8270C	-88	-88	26	117	
2022/23-1	MO-MPK	srgt environ	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	267	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 625.1	-88	-88	25	120	
2022/23-1	MO-OJA	srgt environ	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	287	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 8270C	-88	-88	26	117	
2022/23-1	MO-OJA	srgt environ	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	267	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 625.1	-88	-88	25	120	
2022/23-1	MO-OXN	srgt environ	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	145	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 8270C	-88	-88	26	117	
2022/23-1	MO-OXN	srgt environ	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	138	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625.1	-88	-88	25	120	
2022/23-1	MO-SIM	srgt environ	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	302	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 8270C	-88	-88	26	117	
2022/23-1	MO-SIM	srgt environ	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	280	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 625.1	-88	-88	25	120	
2022/23-1	MO-SPA	srgt environ	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	323	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 8270C	-88	-88	26	117	
2022/23-1	MO-SPA	srgt environ	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	297	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 625.1	-88	-88	25	120	
2022/23-1	MO-THO	srgt environ	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	148	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 8270C	-88	-88	26	117	
2022/23-1	MO-THO	srgt environ	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	139	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625.1	-88	-88	25	120	
2022/23-1	MO-VEN	srgt environ	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	327	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	12/10/2022	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 8270C	-88	-88	26	117	
2022/23-1	MO-VEN	srgt environ	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	289	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	12/13/2022	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625.1	-88	-88	25	120	
2022/23-1	Lab	method blank	12/10/2022	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2022/23-1	Lab	LCS	12/10/2022	Organic	2,4,6-Trichlorophenol	n/a	=	17.2	µg/L	EPA 8270C	0.3	1			
2022/23-1	Lab	LCS, rec	12/10/2022	Organic	2,4,6-Trichlorophenol	n/a	=	86	%	EPA 8270C	-88	-88	30	115	
2022/23-1	Lab	LCS dup	12/10/2022	Organic	2,4,6-Trichlorophenol	n/a	=	17.4	µg/L	EPA 8270C	0.3	1			
2022/23-1	Lab	LCS dup, rec	12/10/2022	Organic	2,4,6-Trichlorophenol	n/a	=	87	%	EPA 8270C	-88	-88	30	115	
2022/23-1	Lab	LCS, RPD	12/10/2022	Organic	2,4,6-Trichlorophenol	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	2,4,6-Trichlorophenol	n/a	=	17.5	µg/L	EPA 625.1	0.22	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	2,4,6-Trichlorophenol	n/a	=	88	%	EPA 625.1	-88	-88	52	129	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	2,4,6-Trichlorophenol	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	2,4,6-Trichlorophenol	n/a	=	17.8	µg/L	EPA 625.1	0.22	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	2,4,6-Trichlorophenol	n/a	=	89	%	EPA 625.1	-88	-88	52	129	
2022/23-1	Lab	method blank	12/13/2022	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-1	Lab	method blank	12/10/2022	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2022/23-1	Lab	LCS	12/10/2022	Organic	2,4-Dichlorophenol	n/a	=	15.4	µg/L	EPA 8270C	0.51	1			
2022/23-1	Lab	LCS, rec	12/10/2022	Organic	2,4-Dichlorophenol	n/a	=	77	%	EPA 8270C	-88	-88	32	105	
2022/23-1	Lab	LCS dup	12/10/2022	Organic	2,4-Dichlorophenol	n/a	=	16.1	µg/L	EPA 8270C	0.51	1			
2022/23-1	Lab	LCS dup, rec	12/10/2022	Organic	2,4-Dichlorophenol	n/a	=	80	%	EPA 8270C	-88	-88	32	105	
2022/23-1	Lab	LCS, RPD	12/10/2022	Organic	2,4-Dichlorophenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	2,4-Dichlorophenol	n/a	=	15.5	µg/L	EPA 625.1	0.26	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	2,4-Dichlorophenol	n/a	=	77	%	EPA 625.1	-88	-88	53	122	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	2,4-Dichlorophenol	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	2,4-Dichlorophenol	n/a	=	16.5	µg/L	EPA 625.1	0.26	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	2,4-Dichlorophenol	n/a	=	83	%	EPA 625.1	-88	-88	53	122	
2022/23-1	Lab	method blank	12/13/2022	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-1	000NONPJ	srgt matrix spike	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.4	-88	-88			
2022/23-1	000NONPJ	srgt matrix spike, rec	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	srgt matrix spike dup	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.4	-88	-88			
2022/23-1	000NONPJ	srgt matrix spike dup, rec	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-1	Lab	srgt method blank	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.72	µg/L	EPA 515.4	-88	-88			
2022/23-1	Lab	srgt method blank, rec	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2022/23-1	Lab	srgt LCS	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.4	-88	-88			
2022/23-1	Lab	srgt LCS, rec	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-1	ME-CC	srgt environ	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.51	µg/L	EPA 515.4	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2022/23-1	ME-VR2	srgt environ	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.38	µg/L	EPA 515.4	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2022/23-1	MO-CAM	srgt environ	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.86	µg/L	EPA 515.4	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-1	MO-FIL	srgt environ	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.4	-88	-88			
2022/23-1	MO-FIL	srgt environ, rec	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2022/23-1	MO-HUE	srgt environ	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.71	µg/L	EPA 515.4	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2022/23-1	MO-MEI	srgt environ	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.3	µg/L	EPA 515.4	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	113	%	EPA 515.4	-88	-88	70	130	
2022/23-1	MO-MPK	srgt environ	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.7	µg/L	EPA 515.4	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	117	%	EPA 515.4	-88	-88	70	130	
2022/23-1	MO-OJA	srgt environ	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.2	µg/L	EPA 515.4	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2022/23-1	MO-OXN	srgt environ	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.3	µg/L	EPA 515.4	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	113	%	EPA 515.4	-88	-88	70	130	
2022/23-1	MO-SIM	srgt environ	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.8	µg/L	EPA 515.4	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2022/23-1	MO-SPA	srgt environ	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.3	µg/L	EPA 515.4	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	113	%	EPA 515.4	-88	-88	70	130	
2022/23-1	MO-THO	srgt environ	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.8	µg/L	EPA 515.4	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2022/23-1	MO-VEN	srgt environ	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11	µg/L	EPA 515.4	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	MO-VEN	srgt environ, rec	12/4/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	110	%	EPA 515.4	-88	-88	70	130	
2022/23-1	Lab	method blank	12/10/2022	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-1	Lab	LCS	12/10/2022	Organic	2,4-Dimethylphenol	n/a	=	5.99	µg/L	EPA 8270C	1	2			EUM
2022/23-1	Lab	LCS, rec	12/10/2022	Organic	2,4-Dimethylphenol	n/a	=	30	%	EPA 8270C	-88	-88	31	97	EUM
2022/23-1	Lab	LCS dup	12/10/2022	Organic	2,4-Dimethylphenol	n/a	=	4.58	µg/L	EPA 8270C	1	2			EUM,IL
2022/23-1	Lab	LCS dup, rec	12/10/2022	Organic	2,4-Dimethylphenol	n/a	=	23	%	EPA 8270C	-88	-88	31	97	EUM,IL
2022/23-1	Lab	LCS, RPD	12/10/2022	Organic	2,4-Dimethylphenol	n/a	=	27	%	EPA 8270C	-88	-88	0	30	EUM,IL
2022/23-1	Lab	LCS dup	12/12/2022	Organic	2,4-Dimethylphenol	n/a	=	3.9	µg/L	EPA 625.1	0.76	1			IL
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	2,4-Dimethylphenol	n/a	=	19	%	EPA 625.1	-88	-88	42	120	IL
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	2,4-Dimethylphenol	n/a	=	79	%	EPA 625.1	-88	-88	0	30	IL
2022/23-1	Lab	LCS	12/13/2022	Organic	2,4-Dimethylphenol	n/a	=	1.68	µg/L	EPA 625.1	0.76	1			EUM
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	2,4-Dimethylphenol	n/a	=	8	%	EPA 625.1	-88	-88	42	120	EUM
2022/23-1	Lab	method blank	12/13/2022	Organic	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1			
2022/23-1	Lab	method blank	12/10/2022	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-1	Lab	LCS	12/10/2022	Organic	2,4-Dinitrophenol	n/a	=	22.3	µg/L	EPA 8270C	1	2			
2022/23-1	Lab	LCS, rec	12/10/2022	Organic	2,4-Dinitrophenol	n/a	=	111	%	EPA 8270C	-88	-88	7	155	
2022/23-1	Lab	LCS dup	12/10/2022	Organic	2,4-Dinitrophenol	n/a	=	22.2	µg/L	EPA 8270C	1	2			
2022/23-1	Lab	LCS dup, rec	12/10/2022	Organic	2,4-Dinitrophenol	n/a	=	111	%	EPA 8270C	-88	-88	7	155	
2022/23-1	Lab	LCS, RPD	12/10/2022	Organic	2,4-Dinitrophenol	n/a	=	0.3	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	2,4-Dinitrophenol	n/a	=	24	µg/L	EPA 625.1	1.9	5			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	2,4-Dinitrophenol	n/a	=	120	%	EPA 625.1	-88	-88	0.1	173	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	2,4-Dinitrophenol	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	2,4-Dinitrophenol	n/a	=	26.9	µg/L	EPA 625.1	1.9	5			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	2,4-Dinitrophenol	n/a	=	135	%	EPA 625.1	-88	-88	0.1	173	
2022/23-1	Lab	method blank	12/13/2022	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	5			
2022/23-1	Lab	LCS dup	12/12/2022	Organic	2,4-Dinitrotoluene	n/a	=	15.6	µg/L	EPA 625.1	0.46	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	2,4-Dinitrotoluene	n/a	=	78	%	EPA 625.1	-88	-88	48	127	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	2,4-Dinitrotoluene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	2,4-Dinitrotoluene	n/a	=	17.3	µg/L	EPA 625.1	0.46	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	2,4-Dinitrotoluene	n/a	=	87	%	EPA 625.1	-88	-88	48	127	
2022/23-1	Lab	method blank	12/13/2022	Organic	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-1	Lab	LCS dup	12/12/2022	Organic	2,6-Dinitrotoluene	n/a	=	16.7	µg/L	EPA 625.1	0.27	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	2,6-Dinitrotoluene	n/a	=	83	%	EPA 625.1	-88	-88	68	137	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	2,6-Dinitrotoluene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	2,6-Dinitrotoluene	n/a	=	17.8	µg/L	EPA 625.1	0.27	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	2,6-Dinitrotoluene	n/a	=	89	%	EPA 625.1	-88	-88	68	137	
2022/23-1	Lab	method blank	12/13/2022	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-1	Lab	LCS	11/12/2022	Organic	2-Chloroethyl vinyl ether	n/a	=	49.5	µg/L	EPA 624.1	0.19	1			
2022/23-1	Lab	LCS, rec	11/12/2022	Organic	2-Chloroethyl vinyl ether	n/a	=	99	%	EPA 624.1	-88	-88	0.1	305	
2022/23-1	Lab	LCS dup	11/12/2022	Organic	2-Chloroethyl vinyl ether	n/a	=	50.2	µg/L	EPA 624.1	0.19	1			
2022/23-1	Lab	LCS dup, rec	11/12/2022	Organic	2-Chloroethyl vinyl ether	n/a	=	100	%	EPA 624.1	-88	-88	0.1	305	
2022/23-1	Lab	LCS, RPD	11/12/2022	Organic	2-Chloroethyl vinyl ether	n/a	=	1	%	EPA 624.1	-88	-88	0	25	
2022/23-1	Lab	method blank	11/12/2022	Organic	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1			
2022/23-1	Lab	LCS	11/12/2022	Organic	2-Chloroethyl vinyl ether	n/a	=	50.9	µg/L	EPA 624.1	0.19	1			
2022/23-1	Lab	LCS, rec	11/12/2022	Organic	2-Chloroethyl vinyl ether	n/a	=	102	%	EPA 624.1	-88	-88	0.1	305	
2022/23-1	Lab	LCS dup	11/12/2022	Organic	2-Chloroethyl vinyl ether	n/a	=	50.5	µg/L	EPA 624.1	0.19	1			
2022/23-1	Lab	LCS dup, rec	11/12/2022	Organic	2-Chloroethyl vinyl ether	n/a	=	101	%	EPA 624.1	-88	-88	0.1	305	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS, RPD	11/12/2022	Organic	2-Chloroethyl vinyl ether	n/a	=	0.8	%	EPA 624.1	-88	-88	0	25	
2022/23-1	Lab	method blank	11/12/2022	Organic	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1			
2022/23-1	MO-CAM	field duplicate	11/12/2022	Organic	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1			
2022/23-1	MO-OJA	field blank	11/12/2022	Organic	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1			
2022/23-1	Lab	LCS dup	12/12/2022	Organic	2-Chloronaphthalene	n/a	=	15.8	µg/L	EPA 625.1	0.45	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	2-Chloronaphthalene	n/a	=	79	%	EPA 625.1	-88	-88	65	120	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	2-Chloronaphthalene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	2-Chloronaphthalene	n/a	=	17.2	µg/L	EPA 625.1	0.45	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	2-Chloronaphthalene	n/a	=	86	%	EPA 625.1	-88	-88	65	120	
2022/23-1	Lab	method blank	12/13/2022	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2022/23-1	Lab	method blank	12/10/2022	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2022/23-1	Lab	LCS	12/10/2022	Organic	2-Chlorophenol	n/a	=	14.3	µg/L	EPA 8270C	0.65	1			
2022/23-1	Lab	LCS, rec	12/10/2022	Organic	2-Chlorophenol	n/a	=	71	%	EPA 8270C	-88	-88	27	90	
2022/23-1	Lab	LCS dup	12/10/2022	Organic	2-Chlorophenol	n/a	=	15.5	µg/L	EPA 8270C	0.65	1			
2022/23-1	Lab	LCS dup, rec	12/10/2022	Organic	2-Chlorophenol	n/a	=	78	%	EPA 8270C	-88	-88	27	90	
2022/23-1	Lab	LCS, RPD	12/10/2022	Organic	2-Chlorophenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	2-Chlorophenol	n/a	=	13.2	µg/L	EPA 625.1	0.28	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	2-Chlorophenol	n/a	=	66	%	EPA 625.1	-88	-88	36	120	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	2-Chlorophenol	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	2-Chlorophenol	n/a	=	15.1	µg/L	EPA 625.1	0.28	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	2-Chlorophenol	n/a	=	76	%	EPA 625.1	-88	-88	36	120	
2022/23-1	Lab	method blank	12/13/2022	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2022/23-1	Lab	srgt method blank	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	13.5	µg/L	EPA 8270C	-88	-88			
2022/23-1	Lab	srgt method blank, rec	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270C	-88	-88	51	139	
2022/23-1	Lab	srgt LCS	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	13.8	µg/L	EPA 8270C	-88	-88			
2022/23-1	Lab	srgt LCS, rec	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270C	-88	-88	51	139	
2022/23-1	Lab	srgt LCS dup	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	15.3	µg/L	EPA 8270C	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2022/23-1	Lab	srgt LCS dup	12/12/2022	Organic	2-Fluorobiphenyl	n/a	=	15.7	µg/L	EPA 625.1	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	12/12/2022	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625.1	-88	-88	22	120	
2022/23-1	Lab	srgt LCS	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	16.9	µg/L	EPA 625.1	-88	-88			
2022/23-1	Lab	srgt LCS, rec	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 625.1	-88	-88	22	120	
2022/23-1	Lab	srgt method blank	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	13.7	µg/L	EPA 625.1	-88	-88			
2022/23-1	Lab	srgt method blank, rec	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 625.1	-88	-88	22	120	
2022/23-1	ME-CC	srgt environ	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	300	µg/L	EPA 8270C	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 8270C	-88	-88	51	139	
2022/23-1	ME-CC	srgt environ	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	315	µg/L	EPA 625.1	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625.1	-88	-88	22	120	
2022/23-1	ME-VR2	srgt environ	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	15.7	µg/L	EPA 8270C	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2022/23-1	ME-VR2	srgt environ	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	16.8	µg/L	EPA 625.1	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 625.1	-88	-88	22	120	
2022/23-1	MO-CAM	srgt environ	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	144	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 8270C	-88	-88	51	139	
2022/23-1	MO-CAM	srgt environ	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	154	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 625.1	-88	-88	22	120	
2022/23-1	MO-FIL	srgt environ	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	134	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	MO-FIL	srgt environ, rec	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 8270C	-88	-88	51	139	
2022/23-1	MO-FIL	srgt environ	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	141	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-FIL	srgt environ, rec	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625.1	-88	-88	22	120	
2022/23-1	MO-HUE	srgt environ	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	13.9	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270C	-88	-88	51	139	
2022/23-1	MO-HUE	srgt environ	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	14.7	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625.1	-88	-88	22	120	
2022/23-1	MO-MEI	srgt environ	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	156	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 8270C	-88	-88	51	139	
2022/23-1	MO-MEI	srgt environ	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	163	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 625.1	-88	-88	22	120	
2022/23-1	MO-MPK	srgt environ	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	122	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 8270C	-88	-88	51	139	
2022/23-1	MO-MPK	srgt environ	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	145	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625.1	-88	-88	22	120	
2022/23-1	MO-OJA	srgt environ	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	139	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270C	-88	-88	51	139	
2022/23-1	MO-OJA	srgt environ	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	144	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625.1	-88	-88	22	120	
2022/23-1	MO-OXN	srgt environ	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	85.1	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 8270C	-88	-88	51	139	
2022/23-1	MO-OXN	srgt environ	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	82.8	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625.1	-88	-88	22	120	
2022/23-1	MO-SIM	srgt environ	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	138	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270C	-88	-88	51	139	
2022/23-1	MO-SIM	srgt environ	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	136	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 625.1	-88	-88	22	120	
2022/23-1	MO-SPA	srgt environ	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	141	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 8270C	-88	-88	51	139	
2022/23-1	MO-SPA	srgt environ	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	152	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625.1	-88	-88	22	120	
2022/23-1	MO-THO	srgt environ	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	72.6	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 8270C	-88	-88	51	139	
2022/23-1	MO-THO	srgt environ	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	75.1	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 625.1	-88	-88	22	120	
2022/23-1	MO-VEN	srgt environ	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	145	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	12/3/2022	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 8270C	-88	-88	51	139	
2022/23-1	MO-VEN	srgt environ	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	145	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	12/13/2022	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625.1	-88	-88	22	120	
2022/23-1	Lab	srgt method blank	12/10/2022	Organic	2-Fluorophenol	n/a	=	17.7	µg/L	EPA 8270C	-88	-88			
2022/23-1	Lab	srgt method blank, rec	12/10/2022	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2022/23-1	Lab	srgt LCS	12/10/2022	Organic	2-Fluorophenol	n/a	=	18.8	µg/L	EPA 8270C	-88	-88			
2022/23-1	Lab	srgt LCS, rec	12/10/2022	Organic	2-Fluorophenol	n/a	=	47	%	EPA 8270C	-88	-88	11	62	
2022/23-1	Lab	srgt LCS dup	12/10/2022	Organic	2-Fluorophenol	n/a	=	20.8	µg/L	EPA 8270C	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	12/10/2022	Organic	2-Fluorophenol	n/a	=	52	%	EPA 8270C	-88	-88	11	62	
2022/23-1	Lab	srgt LCS dup	12/12/2022	Organic	2-Fluorophenol	n/a	=	15.9	µg/L	EPA 625.1	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	12/12/2022	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625.1	-88	-88	17	120	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	srgt LCS	12/13/2022	Organic	2-Fluorophenol	n/a	=	18.4	µg/L	EPA 625.1	-88	-88			
2022/23-1	Lab	srgt LCS, rec	12/13/2022	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625.1	-88	-88	17	120	
2022/23-1	Lab	srgt method blank	12/13/2022	Organic	2-Fluorophenol	n/a	=	16.3	µg/L	EPA 625.1	-88	-88			
2022/23-1	Lab	srgt method blank, rec	12/13/2022	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625.1	-88	-88	17	120	
2022/23-1	ME-CC	srgt environ	12/10/2022	Organic	2-Fluorophenol	n/a	=	392	µg/L	EPA 8270C	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	12/10/2022	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2022/23-1	ME-CC	srgt environ	12/13/2022	Organic	2-Fluorophenol	n/a	=	366	µg/L	EPA 625.1	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	12/13/2022	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625.1	-88	-88	17	120	
2022/23-1	ME-VR2	srgt environ	12/10/2022	Organic	2-Fluorophenol	n/a	=	21	µg/L	EPA 8270C	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	12/10/2022	Organic	2-Fluorophenol	n/a	=	51	%	EPA 8270C	-88	-88	11	62	
2022/23-1	ME-VR2	srgt environ	12/13/2022	Organic	2-Fluorophenol	n/a	=	20	µg/L	EPA 625.1	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	12/13/2022	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625.1	-88	-88	17	120	
2022/23-1	MO-CAM	srgt environ	12/10/2022	Organic	2-Fluorophenol	n/a	=	198	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	12/10/2022	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2022/23-1	MO-CAM	srgt environ	12/13/2022	Organic	2-Fluorophenol	n/a	=	187	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	12/13/2022	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2022/23-1	MO-FIL	srgt environ	12/10/2022	Organic	2-Fluorophenol	n/a	=	172	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-FIL	srgt environ, rec	12/10/2022	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2022/23-1	MO-FIL	srgt environ	12/13/2022	Organic	2-Fluorophenol	n/a	=	186	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-FIL	srgt environ, rec	12/13/2022	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2022/23-1	MO-HUE	srgt environ	12/10/2022	Organic	2-Fluorophenol	n/a	=	18.8	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	12/10/2022	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2022/23-1	MO-HUE	srgt environ	12/13/2022	Organic	2-Fluorophenol	n/a	=	19.2	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	12/13/2022	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2022/23-1	MO-MEI	srgt environ	12/10/2022	Organic	2-Fluorophenol	n/a	=	201	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	12/10/2022	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270C	-88	-88	11	62	
2022/23-1	MO-MEI	srgt environ	12/13/2022	Organic	2-Fluorophenol	n/a	=	215	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	12/13/2022	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625.1	-88	-88	17	120	
2022/23-1	MO-MPK	srgt environ	12/10/2022	Organic	2-Fluorophenol	n/a	=	199	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	12/10/2022	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270C	-88	-88	11	62	
2022/23-1	MO-MPK	srgt environ	12/13/2022	Organic	2-Fluorophenol	n/a	=	194	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	12/13/2022	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625.1	-88	-88	17	120	
2022/23-1	MO-OJA	srgt environ	12/10/2022	Organic	2-Fluorophenol	n/a	=	166	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	12/10/2022	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270C	-88	-88	11	62	
2022/23-1	MO-OJA	srgt environ	12/13/2022	Organic	2-Fluorophenol	n/a	=	164	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	12/13/2022	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625.1	-88	-88	17	120	
2022/23-1	MO-OXN	srgt environ	12/10/2022	Organic	2-Fluorophenol	n/a	=	85.5	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	12/10/2022	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2022/23-1	MO-OXN	srgt environ	12/13/2022	Organic	2-Fluorophenol	n/a	=	90.3	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	12/13/2022	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625.1	-88	-88	17	120	
2022/23-1	MO-SIM	srgt environ	12/10/2022	Organic	2-Fluorophenol	n/a	=	160	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	12/10/2022	Organic	2-Fluorophenol	n/a	=	40	%	EPA 8270C	-88	-88	11	62	
2022/23-1	MO-SIM	srgt environ	12/13/2022	Organic	2-Fluorophenol	n/a	=	155	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	12/13/2022	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625.1	-88	-88	17	120	
2022/23-1	MO-SPA	srgt environ	12/10/2022	Organic	2-Fluorophenol	n/a	=	176	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	12/10/2022	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2022/23-1	MO-SPA	srgt environ	12/13/2022	Organic	2-Fluorophenol	n/a	=	188	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	
2022/23-1	MO-SPA	srgt environ, rec	12/13/2022	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2022/23-1	MO-THO	srgt environ	12/10/2022	Organic	2-Fluorophenol	n/a	=	94.5	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	12/10/2022	Organic	2-Fluorophenol	n/a	=	47	%	EPA 8270C	-88	-88	11	62	
2022/23-1	MO-THO	srgt environ	12/13/2022	Organic	2-Fluorophenol	n/a	=	92.1	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	12/13/2022	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625.1	-88	-88	17	120	
2022/23-1	MO-VEN	srgt environ	12/10/2022	Organic	2-Fluorophenol	n/a	=	178	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	12/10/2022	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2022/23-1	MO-VEN	srgt environ	12/13/2022	Organic	2-Fluorophenol	n/a	=	172	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	12/13/2022	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625.1	-88	-88	17	120	
2022/23-1	Lab	method blank	12/3/2022	Organic	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-1	Lab	method blank	12/10/2022	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2022/23-1	Lab	method blank	12/10/2022	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2022/23-1	Lab	LCS	12/10/2022	Organic	2-Nitrophenol	n/a	=	14.9	µg/L	EPA 8270C	0.71	1			
2022/23-1	Lab	LCS, rec	12/10/2022	Organic	2-Nitrophenol	n/a	=	75	%	EPA 8270C	-88	-88	33	103	
2022/23-1	Lab	LCS dup	12/10/2022	Organic	2-Nitrophenol	n/a	=	16.4	µg/L	EPA 8270C	0.71	1			
2022/23-1	Lab	LCS dup, rec	12/10/2022	Organic	2-Nitrophenol	n/a	=	82	%	EPA 8270C	-88	-88	33	103	
2022/23-1	Lab	LCS, RPD	12/10/2022	Organic	2-Nitrophenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	2-Nitrophenol	n/a	=	15.8	µg/L	EPA 625.1	0.26	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	2-Nitrophenol	n/a	=	79	%	EPA 625.1	-88	-88	45	167	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	2-Nitrophenol	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	2-Nitrophenol	n/a	=	18.4	µg/L	EPA 625.1	0.26	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	2-Nitrophenol	n/a	=	92	%	EPA 625.1	-88	-88	45	167	
2022/23-1	Lab	method blank	12/13/2022	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-1	Lab	LCS dup	12/12/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	12.7	µg/L	EPA 625.1	2.5	5			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	63	%	EPA 625.1	-88	-88	8	213	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	24	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	9.96	µg/L	EPA 625.1	2.5	5			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	50	%	EPA 625.1	-88	-88	8	213	
2022/23-1	Lab	method blank	12/13/2022	Organic	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5			
2022/23-1	Lab	method blank	12/10/2022	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2022/23-1	Lab	method blank	12/10/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2022/23-1	Lab	LCS	12/10/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	19.8	µg/L	EPA 8270C	0.14	1			
2022/23-1	Lab	LCS, rec	12/10/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	99	%	EPA 8270C	-88	-88	33	118	
2022/23-1	Lab	LCS dup	12/10/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	19.6	µg/L	EPA 8270C	0.14	1			
2022/23-1	Lab	LCS dup, rec	12/10/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	98	%	EPA 8270C	-88	-88	33	118	
2022/23-1	Lab	LCS, RPD	12/10/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	19.1	µg/L	EPA 625.1	0.5	5			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	96	%	EPA 625.1	-88	-88	53	130	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.8	µg/L	EPA 625.1	0.5	5			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	104	%	EPA 625.1	-88	-88	53	130	
2022/23-1	Lab	method blank	12/13/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5			
2022/23-1	Lab	srgt LCS	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	50.7	µg/L	EPA 624.1	-88	-88			
2022/23-1	Lab	srgt LCS, rec	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624.1	-88	-88	88	108	
2022/23-1	Lab	srgt LCS dup	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	49.6	µg/L	EPA 624.1	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 624.1	-88	-88	88	108	
2022/23-1	Lab	srgt method blank	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	47.5	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	
2022/23-1	Lab	srgt method blank, rec	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 624.1	-88	-88	88	108	
2022/23-1	Lab	srgt LCS	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	50.8	µg/L	EPA 624.1	-88	-88			
2022/23-1	Lab	srgt LCS, rec	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 624.1	-88	-88	88	108	
2022/23-1	Lab	srgt LCS dup	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	50.4	µg/L	EPA 624.1	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624.1	-88	-88	88	108	
2022/23-1	Lab	srgt method blank	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	46.3	µg/L	EPA 624.1	-88	-88			
2022/23-1	Lab	srgt method blank, rec	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624.1	-88	-88	88	108	
2022/23-1	Lab	srgt LCS	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	50.7	µg/L	EPA 8260B	-88	-88			
2022/23-1	Lab	srgt LCS, rec	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 8260B	-88	-88	83	110	
2022/23-1	Lab	srgt LCS dup	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	50.9	µg/L	EPA 8260B	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 8260B	-88	-88	83	110	
2022/23-1	Lab	srgt method blank	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	50.3	µg/L	EPA 8260B	-88	-88			
2022/23-1	Lab	srgt method blank, rec	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 8260B	-88	-88	83	110	
2022/23-1	ME-CC	srgt environ	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	48.1	µg/L	EPA 624.1	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624.1	-88	-88	88	108	
2022/23-1	ME-CC	srgt environ	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	50.9	µg/L	EPA 8260B	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 8260B	-88	-88	83	110	
2022/23-1	ME-VR2	srgt environ	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	48.1	µg/L	EPA 624.1	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624.1	-88	-88	88	108	
2022/23-1	ME-VR2	srgt environ	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	50.5	µg/L	EPA 8260B	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 8260B	-88	-88	83	110	
2022/23-1	MO-CAM	srgt environ	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	48.1	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624.1	-88	-88	88	108	
2022/23-1	MO-CAM	srgt environ	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	46.5	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624.1	-88	-88	88	108	
2022/23-1	MO-CAM	srgt environ	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	45.1	µg/L	EPA 8260B	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 8260B	-88	-88	83	110	
2022/23-1	MO-CAM	srgt environ	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	52.7	µg/L	EPA 8260B	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	105	%	EPA 8260B	-88	-88	83	110	
2022/23-1	MO-FIL	srgt environ	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	46.9	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-FIL	srgt environ, rec	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 624.1	-88	-88	88	108	
2022/23-1	MO-FIL	srgt environ	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	48.8	µg/L	EPA 8260B	-88	-88			
2022/23-1	MO-FIL	srgt environ, rec	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2022/23-1	MO-HUE	srgt environ	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	48.2	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624.1	-88	-88	88	108	
2022/23-1	MO-HUE	srgt environ	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	48.5	µg/L	EPA 8260B	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 8260B	-88	-88	83	110	
2022/23-1	MO-MEI	srgt environ	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	46.2	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624.1	-88	-88	88	108	
2022/23-1	MO-MEI	srgt environ	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	46.7	µg/L	EPA 8260B	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 8260B	-88	-88	83	110	
2022/23-1	MO-MPK	srgt environ	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	46.2	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624.1	-88	-88	88	108	
2022/23-1	MO-MPK	srgt environ	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	48.4	µg/L	EPA 8260B	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 8260B	-88	-88	83	110	
2022/23-1	MO-OJA	srgt environ	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	46.4	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624.1	-88	-88	88	108	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	MO-OJA	srgt field blank	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	46.5	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-OJA	srgt field blank, rec	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624.1	-88	-88	88	108	
2022/23-1	MO-OJA	srgt environ	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	50.7	µg/L	EPA 8260B	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 8260B	-88	-88	83	110	
2022/23-1	MO-OJA	srgt field blank	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	50.3	µg/L	EPA 8260B	-88	-88			
2022/23-1	MO-OJA	srgt field blank, rec	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 8260B	-88	-88	83	110	
2022/23-1	MO-OXN	srgt environ	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	46.5	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624.1	-88	-88	88	108	
2022/23-1	MO-OXN	srgt environ	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	47.9	µg/L	EPA 8260B	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8260B	-88	-88	83	110	
2022/23-1	MO-SIM	srgt environ	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	46.1	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 624.1	-88	-88	88	108	
2022/23-1	MO-SIM	srgt environ	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	47.7	µg/L	EPA 8260B	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 8260B	-88	-88	83	110	
2022/23-1	MO-SPA	srgt environ	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	47.3	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 624.1	-88	-88	88	108	
2022/23-1	MO-SPA	srgt environ	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	51.1	µg/L	EPA 8260B	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 8260B	-88	-88	83	110	
2022/23-1	MO-THO	srgt environ	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	47.8	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 624.1	-88	-88	88	108	
2022/23-1	MO-THO	srgt environ	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	49.2	µg/L	EPA 8260B	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2022/23-1	MO-VEN	srgt environ	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	46.3	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	11/12/2022	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 624.1	-88	-88	88	108	
2022/23-1	MO-VEN	srgt environ	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	50.2	µg/L	EPA 8260B	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	11/17/2022	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	16.5	µg/L	EPA 625.1	0.36	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	82	%	EPA 625.1	-88	-88	65	120	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	17.5	µg/L	EPA 625.1	0.36	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	88	%	EPA 625.1	-88	-88	65	120	
2022/23-1	Lab	method blank	12/13/2022	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-1	Lab	method blank	12/10/2022	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2022/23-1	Lab	LCS	12/10/2022	Organic	4-Chloro-3-methylphenol	n/a	=	16.3	µg/L	EPA 8270C	0.37	1			
2022/23-1	Lab	LCS, rec	12/10/2022	Organic	4-Chloro-3-methylphenol	n/a	=	81	%	EPA 8270C	-88	-88	29	108	
2022/23-1	Lab	LCS dup	12/10/2022	Organic	4-Chloro-3-methylphenol	n/a	=	16.2	µg/L	EPA 8270C	0.37	1			
2022/23-1	Lab	LCS dup, rec	12/10/2022	Organic	4-Chloro-3-methylphenol	n/a	=	81	%	EPA 8270C	-88	-88	29	108	
2022/23-1	Lab	LCS, RPD	12/10/2022	Organic	4-Chloro-3-methylphenol	n/a	=	0.8	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	4-Chloro-3-methylphenol	n/a	=	15.4	µg/L	EPA 625.1	0.23	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	4-Chloro-3-methylphenol	n/a	=	77	%	EPA 625.1	-88	-88	41	128	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	4-Chloro-3-methylphenol	n/a	=	0.1	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	4-Chloro-3-methylphenol	n/a	=	15.3	µg/L	EPA 625.1	0.23	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	4-Chloro-3-methylphenol	n/a	=	77	%	EPA 625.1	-88	-88	41	128	
2022/23-1	Lab	method blank	12/13/2022	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2022/23-1	Lab	LCS dup	12/12/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	14.7	µg/L	EPA 625.1	0.41	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	73	%	EPA 625.1	-88	-88	38	145	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	9	%	EPA 625.1	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS	12/13/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	16.1	µg/L	EPA 625.1	0.41	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	80	%	EPA 625.1	-88	-88	38	145	
2022/23-1	Lab	method blank	12/13/2022	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-1	Lab	method blank	12/10/2022	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-1	Lab	LCS	12/10/2022	Organic	4-Nitrophenol	n/a	=	8.03	µg/L	EPA 8270C	1	2			
2022/23-1	Lab	LCS, rec	12/10/2022	Organic	4-Nitrophenol	n/a	=	40	%	EPA 8270C	-88	-88	6	46	
2022/23-1	Lab	LCS dup	12/10/2022	Organic	4-Nitrophenol	n/a	=	7.6	µg/L	EPA 8270C	1	2			
2022/23-1	Lab	LCS dup, rec	12/10/2022	Organic	4-Nitrophenol	n/a	=	38	%	EPA 8270C	-88	-88	6	46	
2022/23-1	Lab	LCS, RPD	12/10/2022	Organic	4-Nitrophenol	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	4-Nitrophenol	n/a	=	6.46	µg/L	EPA 625.1	1.2	5			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	4-Nitrophenol	n/a	=	32	%	EPA 625.1	-88	-88	13	129	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	4-Nitrophenol	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	4-Nitrophenol	n/a	=	7.42	µg/L	EPA 625.1	1.2	5			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	4-Nitrophenol	n/a	=	37	%	EPA 625.1	-88	-88	13	129	
2022/23-1	Lab	method blank	12/13/2022	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2022/23-1	Lab	method blank	12/3/2022	Organic	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1			
2022/23-1	Lab	LCS	12/3/2022	Organic	Acenaphthene	n/a	=	13.5	µg/L	EPA 8270C	0.028	0.1			
2022/23-1	Lab	LCS, rec	12/3/2022	Organic	Acenaphthene	n/a	=	68	%	EPA 8270C	-88	-88	11	122	
2022/23-1	Lab	LCS dup	12/3/2022	Organic	Acenaphthene	n/a	=	13.8	µg/L	EPA 8270C	0.028	0.1			
2022/23-1	Lab	LCS dup, rec	12/3/2022	Organic	Acenaphthene	n/a	=	69	%	EPA 8270C	-88	-88	11	122	
2022/23-1	Lab	LCS, RPD	12/3/2022	Organic	Acenaphthene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Acenaphthene	n/a	=	15.5	µg/L	EPA 625.1	0.38	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Acenaphthene	n/a	=	78	%	EPA 625.1	-88	-88	60	132	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Acenaphthene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Acenaphthene	n/a	=	17	µg/L	EPA 625.1	0.38	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Acenaphthene	n/a	=	85	%	EPA 625.1	-88	-88	60	132	
2022/23-1	Lab	method blank	12/13/2022	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-1	Lab	method blank	12/3/2022	Organic	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1			
2022/23-1	Lab	LCS	12/3/2022	Organic	Acenaphthylene	n/a	=	14.7	µg/L	EPA 8270C	0.033	0.1			
2022/23-1	Lab	LCS, rec	12/3/2022	Organic	Acenaphthylene	n/a	=	74	%	EPA 8270C	-88	-88	4	135	
2022/23-1	Lab	LCS dup	12/3/2022	Organic	Acenaphthylene	n/a	=	15.6	µg/L	EPA 8270C	0.033	0.1			
2022/23-1	Lab	LCS dup, rec	12/3/2022	Organic	Acenaphthylene	n/a	=	78	%	EPA 8270C	-88	-88	4	135	
2022/23-1	Lab	LCS, RPD	12/3/2022	Organic	Acenaphthylene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Acenaphthylene	n/a	=	16.7	µg/L	EPA 625.1	0.35	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Acenaphthylene	n/a	=	84	%	EPA 625.1	-88	-88	54	126	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Acenaphthylene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Acenaphthylene	n/a	=	17.8	µg/L	EPA 625.1	0.35	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Acenaphthylene	n/a	=	89	%	EPA 625.1	-88	-88	54	126	
2022/23-1	Lab	method blank	12/13/2022	Organic	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-1	Lab	method blank	12/3/2022	Organic	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1			
2022/23-1	Lab	LCS	12/3/2022	Organic	Anthracene	n/a	=	15.6	µg/L	EPA 8270C	0.025	0.1			
2022/23-1	Lab	LCS, rec	12/3/2022	Organic	Anthracene	n/a	=	78	%	EPA 8270C	-88	-88	22	127	
2022/23-1	Lab	LCS dup	12/3/2022	Organic	Anthracene	n/a	=	15.7	µg/L	EPA 8270C	0.025	0.1			
2022/23-1	Lab	LCS dup, rec	12/3/2022	Organic	Anthracene	n/a	=	79	%	EPA 8270C	-88	-88	22	127	
2022/23-1	Lab	LCS, RPD	12/3/2022	Organic	Anthracene	n/a	=	0.5	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Anthracene	n/a	=	16.8	µg/L	EPA 625.1	0.41	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Anthracene	n/a	=	84	%	EPA 625.1	-88	-88	43	120	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Anthracene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Anthracene	n/a	=	17.8	µg/L	EPA 625.1	0.41	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Anthracene	n/a	=	89	%	EPA 625.1	-88	-88	43	120	
2022/23-1	Lab	method blank	12/13/2022	Organic	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-1	Lab	method blank	12/3/2022	Organic	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2022/23-1	Lab	LCS	12/3/2022	Organic	Benz(a)anthracene	n/a	=	14.4	µg/L	EPA 8270C	0.051	0.1			
2022/23-1	Lab	LCS, rec	12/3/2022	Organic	Benz(a)anthracene	n/a	=	72	%	EPA 8270C	-88	-88	17	131	
2022/23-1	Lab	LCS dup	12/3/2022	Organic	Benz(a)anthracene	n/a	=	14.7	µg/L	EPA 8270C	0.051	0.1			
2022/23-1	Lab	LCS dup, rec	12/3/2022	Organic	Benz(a)anthracene	n/a	=	73	%	EPA 8270C	-88	-88	17	131	
2022/23-1	Lab	LCS, RPD	12/3/2022	Organic	Benz(a)anthracene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Benz(a)anthracene	n/a	=	17.7	µg/L	EPA 625.1	0.19	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Benz(a)anthracene	n/a	=	89	%	EPA 625.1	-88	-88	42	133	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Benz(a)anthracene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Benz(a)anthracene	n/a	=	17.1	µg/L	EPA 625.1	0.19	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Benz(a)anthracene	n/a	=	86	%	EPA 625.1	-88	-88	42	133	
2022/23-1	Lab	method blank	12/13/2022	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-1	Lab	method blank	12/13/2022	Organic	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10			
2022/23-1	Lab	method blank	11/16/2022	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-1	Lab	LCS	11/16/2022	Organic	Benzo(a)pyrene	n/a	=	5.14	µg/L	EPA 525.2	0.02	0.1			
2022/23-1	Lab	LCS, rec	11/16/2022	Organic	Benzo(a)pyrene	n/a	=	103	%	EPA 525.2	-88	-88	60	130	
2022/23-1	Lab	LCS dup	11/16/2022	Organic	Benzo(a)pyrene	n/a	=	5.08	µg/L	EPA 525.2	0.02	0.1			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Organic	Benzo(a)pyrene	n/a	=	102	%	EPA 525.2	-88	-88	60	130	
2022/23-1	Lab	LCS, RPD	11/16/2022	Organic	Benzo(a)pyrene	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2022/23-1	Lab	method blank	12/3/2022	Organic	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2022/23-1	Lab	LCS	12/3/2022	Organic	Benzo(a)pyrene	n/a	=	17	µg/L	EPA 8270C	0.051	0.1			
2022/23-1	Lab	LCS, rec	12/3/2022	Organic	Benzo(a)pyrene	n/a	=	85	%	EPA 8270C	-88	-88	12	131	
2022/23-1	Lab	LCS dup	12/3/2022	Organic	Benzo(a)pyrene	n/a	=	17	µg/L	EPA 8270C	0.051	0.1			
2022/23-1	Lab	LCS dup, rec	12/3/2022	Organic	Benzo(a)pyrene	n/a	=	85	%	EPA 8270C	-88	-88	12	131	
2022/23-1	Lab	LCS, RPD	12/3/2022	Organic	Benzo(a)pyrene	n/a	=	0.1	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Benzo(a)pyrene	n/a	=	19.5	µg/L	EPA 625.1	0.39	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Benzo(a)pyrene	n/a	=	97	%	EPA 625.1	-88	-88	32	148	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Benzo(a)pyrene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Benzo(a)pyrene	n/a	=	18.9	µg/L	EPA 625.1	0.39	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Benzo(a)pyrene	n/a	=	94	%	EPA 625.1	-88	-88	32	148	
2022/23-1	Lab	method blank	12/13/2022	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2022/23-1	Lab	method blank	12/3/2022	Organic	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2022/23-1	Lab	LCS	12/3/2022	Organic	Benzo(b)fluoranthene	n/a	=	15.4	µg/L	EPA 8270C	0.074	0.1			
2022/23-1	Lab	LCS, rec	12/3/2022	Organic	Benzo(b)fluoranthene	n/a	=	77	%	EPA 8270C	-88	-88	19	129	
2022/23-1	Lab	LCS dup	12/3/2022	Organic	Benzo(b)fluoranthene	n/a	=	15	µg/L	EPA 8270C	0.074	0.1			
2022/23-1	Lab	LCS dup, rec	12/3/2022	Organic	Benzo(b)fluoranthene	n/a	=	75	%	EPA 8270C	-88	-88	19	129	
2022/23-1	Lab	LCS, RPD	12/3/2022	Organic	Benzo(b)fluoranthene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Benzo(b)fluoranthene	n/a	=	19.4	µg/L	EPA 625.1	0.46	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Benzo(b)fluoranthene	n/a	=	97	%	EPA 625.1	-88	-88	42	140	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Benzo(b)fluoranthene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Benzo(b)fluoranthene	n/a	=	18	µg/L	EPA 625.1	0.46	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Benzo(b)fluoranthene	n/a	=	90	%	EPA 625.1	-88	-88	42	140	
2022/23-1	Lab	method blank	12/13/2022	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	method blank	12/3/2022	Organic	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1			
2022/23-1	Lab	LCS	12/3/2022	Organic	Benzo(g,h,i)perylene	n/a	=	18.1	µg/L	EPA 8270C	0.05	0.1			
2022/23-1	Lab	LCS, rec	12/3/2022	Organic	Benzo(g,h,i)perylene	n/a	=	90	%	EPA 8270C	-88	-88	14	139	
2022/23-1	Lab	LCS dup	12/3/2022	Organic	Benzo(g,h,i)perylene	n/a	=	18.5	µg/L	EPA 8270C	0.05	0.1			
2022/23-1	Lab	LCS dup, rec	12/3/2022	Organic	Benzo(g,h,i)perylene	n/a	=	92	%	EPA 8270C	-88	-88	14	139	
2022/23-1	Lab	LCS, RPD	12/3/2022	Organic	Benzo(g,h,i)perylene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Benzo(g,h,i)perylene	n/a	=	19.9	µg/L	EPA 625.1	0.42	2			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Benzo(g,h,i)perylene	n/a	=	99	%	EPA 625.1	-88	-88	0.1	195	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Benzo(g,h,i)perylene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Benzo(g,h,i)perylene	n/a	=	19.2	µg/L	EPA 625.1	0.42	2			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Benzo(g,h,i)perylene	n/a	=	96	%	EPA 625.1	-88	-88	0.1	195	
2022/23-1	Lab	method blank	12/13/2022	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2022/23-1	Lab	method blank	12/3/2022	Organic	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-1	Lab	LCS	12/3/2022	Organic	Benzo(k)fluoranthene	n/a	=	17	µg/L	EPA 8270C	0.026	0.1			
2022/23-1	Lab	LCS, rec	12/3/2022	Organic	Benzo(k)fluoranthene	n/a	=	85	%	EPA 8270C	-88	-88	22	127	
2022/23-1	Lab	LCS dup	12/3/2022	Organic	Benzo(k)fluoranthene	n/a	=	16.7	µg/L	EPA 8270C	0.026	0.1			
2022/23-1	Lab	LCS dup, rec	12/3/2022	Organic	Benzo(k)fluoranthene	n/a	=	83	%	EPA 8270C	-88	-88	22	127	
2022/23-1	Lab	LCS, RPD	12/3/2022	Organic	Benzo(k)fluoranthene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Benzo(k)fluoranthene	n/a	=	18	µg/L	EPA 625.1	0.22	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Benzo(k)fluoranthene	n/a	=	90	%	EPA 625.1	-88	-88	25	146	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Benzo(k)fluoranthene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Benzo(k)fluoranthene	n/a	=	19.1	µg/L	EPA 625.1	0.22	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Benzo(k)fluoranthene	n/a	=	95	%	EPA 625.1	-88	-88	25	146	
2022/23-1	Lab	method blank	12/13/2022	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	14.7	µg/L	EPA 625.1	0.25	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	73	%	EPA 625.1	-88	-88	49	165	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	16.9	µg/L	EPA 625.1	0.25	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	84	%	EPA 625.1	-88	-88	49	165	
2022/23-1	Lab	method blank	12/13/2022	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	12.7	µg/L	EPA 625.1	0.27	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	64	%	EPA 625.1	-88	-88	43	126	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	20	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	15.5	µg/L	EPA 625.1	0.27	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	78	%	EPA 625.1	-88	-88	43	126	
2022/23-1	Lab	method blank	12/13/2022	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	13.5	µg/L	EPA 625.1	0.38	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	67	%	EPA 625.1	-88	-88	63	139	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	21	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	16.7	µg/L	EPA 625.1	0.38	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	83	%	EPA 625.1	-88	-88	63	139	
2022/23-1	Lab	method blank	12/13/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-1	Lab	method blank	11/16/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5			
2022/23-1	Lab	LCS	11/16/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.27	µg/L	EPA 525.2	0.42	5			
2022/23-1	Lab	LCS, rec	11/16/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS dup	11/16/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.47	µg/L	EPA 525.2	0.42	5			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	109	%	EPA 525.2	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS, RPD	11/16/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-1	Lab	method blank	11/16/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2022/23-1	Lab	LCS	11/16/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.48	µg/L	EPA 525.2	0.41	3			
2022/23-1	Lab	LCS, rec	11/16/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS dup	11/16/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.6	µg/L	EPA 525.2	0.41	3			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS, RPD	11/16/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	42.7	µg/L	EPA 625.1	2.3	5			EUM,IL
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	214	%	EPA 625.1	-88	-88	29	137	EUM,IL
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	68	%	EPA 625.1	-88	-88	0	30	EUM,IL
2022/23-1	Lab	LCS	12/13/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	21	µg/L	EPA 625.1	2.3	5			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	105	%	EPA 625.1	-88	-88	29	137	
2022/23-1	Lab	method blank	12/13/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Butyl benzyl phthalate	n/a	=	20.6	µg/L	EPA 625.1	0.49	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Butyl benzyl phthalate	n/a	=	103	%	EPA 625.1	-88	-88	0.1	140	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Butyl benzyl phthalate	n/a	=	0.6	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Butyl benzyl phthalate	n/a	=	20.5	µg/L	EPA 625.1	0.49	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Butyl benzyl phthalate	n/a	=	102	%	EPA 625.1	-88	-88	0.1	140	
2022/23-1	Lab	method blank	12/13/2022	Organic	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-1	Lab	method blank	12/3/2022	Organic	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2022/23-1	Lab	LCS	12/3/2022	Organic	Chrysene	n/a	=	17	µg/L	EPA 8270C	0.074	0.1			
2022/23-1	Lab	LCS, rec	12/3/2022	Organic	Chrysene	n/a	=	85	%	EPA 8270C	-88	-88	32	126	
2022/23-1	Lab	LCS dup	12/3/2022	Organic	Chrysene	n/a	=	16.7	µg/L	EPA 8270C	0.074	0.1			
2022/23-1	Lab	LCS dup, rec	12/3/2022	Organic	Chrysene	n/a	=	83	%	EPA 8270C	-88	-88	32	126	
2022/23-1	Lab	LCS, RPD	12/3/2022	Organic	Chrysene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Chrysene	n/a	=	18	µg/L	EPA 625.1	0.19	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Chrysene	n/a	=	90	%	EPA 625.1	-88	-88	44	140	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Chrysene	n/a	=	0.2	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Chrysene	n/a	=	18	µg/L	EPA 625.1	0.19	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Chrysene	n/a	=	90	%	EPA 625.1	-88	-88	44	140	
2022/23-1	Lab	method blank	12/13/2022	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-1	Lab	method blank	12/3/2022	Organic	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1			
2022/23-1	Lab	LCS	12/3/2022	Organic	Dibenz(a,h)anthracene	n/a	=	19.2	µg/L	EPA 8270C	0.036	0.1			
2022/23-1	Lab	LCS, rec	12/3/2022	Organic	Dibenz(a,h)anthracene	n/a	=	96	%	EPA 8270C	-88	-88	9	147	
2022/23-1	Lab	LCS dup	12/3/2022	Organic	Dibenz(a,h)anthracene	n/a	=	19.5	µg/L	EPA 8270C	0.036	0.1			
2022/23-1	Lab	LCS dup, rec	12/3/2022	Organic	Dibenz(a,h)anthracene	n/a	=	97	%	EPA 8270C	-88	-88	9	147	
2022/23-1	Lab	LCS, RPD	12/3/2022	Organic	Dibenz(a,h)anthracene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Dibenz(a,h)anthracene	n/a	=	21	µg/L	EPA 625.1	0.15	2			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Dibenz(a,h)anthracene	n/a	=	105	%	EPA 625.1	-88	-88	0.1	200	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Dibenz(a,h)anthracene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Dibenz(a,h)anthracene	n/a	=	20.7	µg/L	EPA 625.1	0.15	2			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Dibenz(a,h)anthracene	n/a	=	103	%	EPA 625.1	-88	-88	0.1	200	
2022/23-1	Lab	method blank	12/13/2022	Organic	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2			
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Diethyl phthalate	n/a	=	16.1	µg/L	EPA 625.1	0.35	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Diethyl phthalate	n/a	=	80	%	EPA 625.1	-88	-88	0.1	120	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Diethyl phthalate	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Diethyl phthalate	n/a	=	17.3	µg/L	EPA 625.1	0.35	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Diethyl phthalate	n/a	=	87	%	EPA 625.1	-88	-88	0.1	120	
2022/23-1	Lab	method blank	12/13/2022	Organic	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Dimethyl phthalate	n/a	=	16.9	µg/L	EPA 625.1	0.18	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Dimethyl phthalate	n/a	=	84	%	EPA 625.1	-88	-88	0.1	120	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Dimethyl phthalate	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Dimethyl phthalate	n/a	=	17.7	µg/L	EPA 625.1	0.18	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Dimethyl phthalate	n/a	=	89	%	EPA 625.1	-88	-88	0.1	120	
2022/23-1	Lab	method blank	12/13/2022	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Di-n-butylphthalate	n/a	=	16.6	µg/L	EPA 625.1	0.34	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Di-n-butylphthalate	n/a	=	83	%	EPA 625.1	-88	-88	8	120	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Di-n-butylphthalate	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Di-n-butylphthalate	n/a	=	17	µg/L	EPA 625.1	0.34	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Di-n-butylphthalate	n/a	=	85	%	EPA 625.1	-88	-88	8	120	
2022/23-1	Lab	method blank	12/13/2022	Organic	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1			
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Di-n-octylphthalate	n/a	=	21.5	µg/L	EPA 625.1	0.46	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Di-n-octylphthalate	n/a	=	108	%	EPA 625.1	-88	-88	19	132	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Di-n-octylphthalate	n/a	=	0.06	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Di-n-octylphthalate	n/a	=	21.5	µg/L	EPA 625.1	0.46	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Di-n-octylphthalate	n/a	=	108	%	EPA 625.1	-88	-88	19	132	
2022/23-1	Lab	method blank	12/13/2022	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-1	Lab	method blank	12/3/2022	Organic	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1			
2022/23-1	Lab	LCS	12/3/2022	Organic	Fluoranthene	n/a	=	16.2	µg/L	EPA 8270C	0.039	0.1			
2022/23-1	Lab	LCS, rec	12/3/2022	Organic	Fluoranthene	n/a	=	81	%	EPA 8270C	-88	-88	22	131	
2022/23-1	Lab	LCS dup	12/3/2022	Organic	Fluoranthene	n/a	=	15.8	µg/L	EPA 8270C	0.039	0.1			
2022/23-1	Lab	LCS dup, rec	12/3/2022	Organic	Fluoranthene	n/a	=	79	%	EPA 8270C	-88	-88	22	131	
2022/23-1	Lab	LCS, RPD	12/3/2022	Organic	Fluoranthene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Fluoranthene	n/a	=	17	µg/L	EPA 625.1	0.35	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Fluoranthene	n/a	=	85	%	EPA 625.1	-88	-88	43	121	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Fluoranthene	n/a	=	0.4	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Fluoranthene	n/a	=	17	µg/L	EPA 625.1	0.35	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Fluoranthene	n/a	=	85	%	EPA 625.1	-88	-88	43	121	
2022/23-1	Lab	method blank	12/13/2022	Organic	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-1	Lab	method blank	12/3/2022	Organic	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2022/23-1	Lab	LCS	12/3/2022	Organic	Fluorene	n/a	=	14.9	µg/L	EPA 8270C	0.029	0.1			
2022/23-1	Lab	LCS, rec	12/3/2022	Organic	Fluorene	n/a	=	74	%	EPA 8270C	-88	-88	19	122	
2022/23-1	Lab	LCS dup	12/3/2022	Organic	Fluorene	n/a	=	15	µg/L	EPA 8270C	0.029	0.1			
2022/23-1	Lab	LCS dup, rec	12/3/2022	Organic	Fluorene	n/a	=	75	%	EPA 8270C	-88	-88	19	122	
2022/23-1	Lab	LCS, RPD	12/3/2022	Organic	Fluorene	n/a	=	0.6	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Fluorene	n/a	=	16.1	µg/L	EPA 625.1	0.35	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Fluorene	n/a	=	80	%	EPA 625.1	-88	-88	70	120	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Fluorene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Fluorene	n/a	=	17.4	µg/L	EPA 625.1	0.35	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Fluorene	n/a	=	87	%	EPA 625.1	-88	-88	70	120	
2022/23-1	Lab	method blank	12/13/2022	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Hexachlorobenzene	n/a	=	16.9	µg/L	EPA 625.1	0.49	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Hexachlorobenzene	n/a	=	85	%	EPA 625.1	-88	-88	8	142	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Hexachlorobenzene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS	12/13/2022	Organic	Hexachlorobenzene	n/a	=	17.7	µg/L	EPA 625.1	0.49	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Hexachlorobenzene	n/a	=	89	%	EPA 625.1	-88	-88	8	142	
2022/23-1	Lab	method blank	12/13/2022	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Hexachlorobutadiene	n/a	=	15.3	µg/L	EPA 625.1	0.47	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Hexachlorobutadiene	n/a	=	76	%	EPA 625.1	-88	-88	38	120	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Hexachlorobutadiene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Hexachlorobutadiene	n/a	=	17.1	µg/L	EPA 625.1	0.47	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Hexachlorobutadiene	n/a	=	86	%	EPA 625.1	-88	-88	38	120	
2022/23-1	Lab	method blank	12/13/2022	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2022/23-1	Lab	method blank	11/16/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2022/23-1	Lab	LCS	11/16/2022	Organic	Hexachlorocyclopentadiene	n/a	=	2.13	µg/L	EPA 525.2	0.092	1			
2022/23-1	Lab	LCS, rec	11/16/2022	Organic	Hexachlorocyclopentadiene	n/a	=	85	%	EPA 525.2	-88	-88	33	106	
2022/23-1	Lab	LCS dup	11/16/2022	Organic	Hexachlorocyclopentadiene	n/a	=	2.11	µg/L	EPA 525.2	0.092	1			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Organic	Hexachlorocyclopentadiene	n/a	=	84	%	EPA 525.2	-88	-88	33	106	
2022/23-1	Lab	LCS, RPD	11/16/2022	Organic	Hexachlorocyclopentadiene	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Hexachlorocyclopentadiene	n/a	=	9.93	µg/L	EPA 625.1	0.31	5			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Hexachlorocyclopentadiene	n/a	=	50	%	EPA 625.1	-88	-88	10	120	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Hexachlorocyclopentadiene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Hexachlorocyclopentadiene	n/a	=	10.8	µg/L	EPA 625.1	0.31	5			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Hexachlorocyclopentadiene	n/a	=	54	%	EPA 625.1	-88	-88	10	120	
2022/23-1	Lab	method blank	12/13/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5			
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Hexachloroethane	n/a	=	13.1	µg/L	EPA 625.1	0.5	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Hexachloroethane	n/a	=	65	%	EPA 625.1	-88	-88	55	120	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Hexachloroethane	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Hexachloroethane	n/a	=	14.4	µg/L	EPA 625.1	0.5	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Hexachloroethane	n/a	=	72	%	EPA 625.1	-88	-88	55	120	
2022/23-1	Lab	method blank	12/13/2022	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-1	Lab	method blank	12/3/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1			
2022/23-1	Lab	LCS	12/3/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	16.8	µg/L	EPA 8270C	0.065	0.1			
2022/23-1	Lab	LCS, rec	12/3/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	84	%	EPA 8270C	-88	-88	12	136	
2022/23-1	Lab	LCS dup	12/3/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	17	µg/L	EPA 8270C	0.065	0.1			
2022/23-1	Lab	LCS dup, rec	12/3/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	85	%	EPA 8270C	-88	-88	12	136	
2022/23-1	Lab	LCS, RPD	12/3/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	20.5	µg/L	EPA 625.1	0.25	2			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	103	%	EPA 625.1	-88	-88	0.1	151	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.4	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	20.4	µg/L	EPA 625.1	0.25	2			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	102	%	EPA 625.1	-88	-88	0.1	151	
2022/23-1	Lab	method blank	12/13/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2			
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Isophorone	n/a	=	12.2	µg/L	EPA 625.1	0.21	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Isophorone	n/a	=	61	%	EPA 625.1	-88	-88	47	180	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Isophorone	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Isophorone	n/a	=	13.9	µg/L	EPA 625.1	0.21	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Isophorone	n/a	=	69	%	EPA 625.1	-88	-88	47	180	
2022/23-1	Lab	method blank	12/13/2022	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2022/23-1	Lab	LCS	11/12/2022	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	200	µg/L	EPA 624.1	0.4	1			
2022/23-1	Lab	LCS, rec	11/12/2022	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	100	%	EPA 624.1	-88	-88	80	128	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS dup	11/12/2022	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	207	µg/L	EPA 624.1	0.4	1			
2022/23-1	Lab	LCS dup, rec	11/12/2022	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	103	%	EPA 624.1	-88	-88	80	128	
2022/23-1	Lab	LCS, RPD	11/12/2022	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	3	%	EPA 624.1	-88	-88	0	25	
2022/23-1	Lab	method blank	11/12/2022	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1			
2022/23-1	Lab	LCS	11/12/2022	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	210	µg/L	EPA 624.1	0.4	1			
2022/23-1	Lab	LCS, rec	11/12/2022	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	105	%	EPA 624.1	-88	-88	80	128	
2022/23-1	Lab	LCS dup	11/12/2022	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	219	µg/L	EPA 624.1	0.4	1			
2022/23-1	Lab	LCS dup, rec	11/12/2022	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	109	%	EPA 624.1	-88	-88	80	128	
2022/23-1	Lab	LCS, RPD	11/12/2022	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	4	%	EPA 624.1	-88	-88	0	25	
2022/23-1	Lab	method blank	11/12/2022	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1			
2022/23-1	MO-CAM	field duplicate	11/12/2022	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1			
2022/23-1	MO-OJA	field blank	11/12/2022	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1			
2022/23-1	Lab	method blank	12/3/2022	Organic	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-1	Lab	LCS	12/3/2022	Organic	Naphthalene	n/a	=	13.3	µg/L	EPA 8270C	0.026	0.1			
2022/23-1	Lab	LCS, rec	12/3/2022	Organic	Naphthalene	n/a	=	66	%	EPA 8270C	-88	-88	12	136	
2022/23-1	Lab	LCS dup	12/3/2022	Organic	Naphthalene	n/a	=	14.1	µg/L	EPA 8270C	0.026	0.1			
2022/23-1	Lab	LCS dup, rec	12/3/2022	Organic	Naphthalene	n/a	=	71	%	EPA 8270C	-88	-88	12	136	
2022/23-1	Lab	LCS, RPD	12/3/2022	Organic	Naphthalene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Naphthalene	n/a	=	14.8	µg/L	EPA 625.1	0.49	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Naphthalene	n/a	=	74	%	EPA 625.1	-88	-88	36	120	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Naphthalene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Naphthalene	n/a	=	16.9	µg/L	EPA 625.1	0.49	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Naphthalene	n/a	=	84	%	EPA 625.1	-88	-88	36	120	
2022/23-1	Lab	method blank	12/13/2022	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Nitrobenzene	n/a	=	14.4	µg/L	EPA 625.1	0.36	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Nitrobenzene	n/a	=	72	%	EPA 625.1	-88	-88	54	158	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Nitrobenzene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Nitrobenzene	n/a	=	16.6	µg/L	EPA 625.1	0.36	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Nitrobenzene	n/a	=	83	%	EPA 625.1	-88	-88	54	158	
2022/23-1	Lab	method blank	12/13/2022	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-1	Lab	srgt method blank	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	13.7	µg/L	EPA 8270C	-88	-88			
2022/23-1	Lab	srgt method blank, rec	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 8270C	-88	-88	51	143	
2022/23-1	Lab	srgt LCS	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	15.3	µg/L	EPA 8270C	-88	-88			
2022/23-1	Lab	srgt LCS, rec	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 8270C	-88	-88	51	143	
2022/23-1	Lab	srgt LCS dup	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	16.8	µg/L	EPA 8270C	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 8270C	-88	-88	51	143	
2022/23-1	Lab	srgt LCS dup	12/12/2022	Organic	Nitrobenzene-d5	n/a	=	14.5	µg/L	EPA 625.1	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	12/12/2022	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625.1	-88	-88	47	120	
2022/23-1	Lab	srgt LCS	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	17.1	µg/L	EPA 625.1	-88	-88			
2022/23-1	Lab	srgt LCS, rec	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 625.1	-88	-88	47	120	
2022/23-1	Lab	srgt method blank	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	14.3	µg/L	EPA 625.1	-88	-88			
2022/23-1	Lab	srgt method blank, rec	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625.1	-88	-88	47	120	
2022/23-1	ME-CC	srgt environ	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	307	µg/L	EPA 8270C	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 8270C	-88	-88	51	143	
2022/23-1	ME-CC	srgt environ	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	340	µg/L	EPA 625.1	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 625.1	-88	-88	47	120	
2022/23-1	ME-VR2	srgt environ	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	16.5	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	ME-VR2	srgt environ, rec	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 8270C	-88	-88	51	143	
2022/23-1	ME-VR2	srgt environ	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	18.1	µg/L	EPA 625.1	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 625.1	-88	-88	47	120	
2022/23-1	MO-CAM	srgt environ	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	155	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 8270C	-88	-88	51	143	
2022/23-1	MO-CAM	srgt environ	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	166	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 625.1	-88	-88	47	120	
2022/23-1	MO-FIL	srgt environ	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	144	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-FIL	srgt environ, rec	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270C	-88	-88	51	143	
2022/23-1	MO-FIL	srgt environ	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	154	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-FIL	srgt environ, rec	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625.1	-88	-88	47	120	
2022/23-1	MO-HUE	srgt environ	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	14.6	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270C	-88	-88	51	143	
2022/23-1	MO-HUE	srgt environ	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	15.7	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625.1	-88	-88	47	120	
2022/23-1	MO-MEI	srgt environ	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	161	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 8270C	-88	-88	51	143	
2022/23-1	MO-MEI	srgt environ	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	178	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	89	%	EPA 625.1	-88	-88	47	120	
2022/23-1	MO-MPK	srgt environ	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	155	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 8270C	-88	-88	51	143	
2022/23-1	MO-MPK	srgt environ	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	164	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 625.1	-88	-88	47	120	
2022/23-1	MO-OJA	srgt environ	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	142	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 8270C	-88	-88	51	143	
2022/23-1	MO-OJA	srgt environ	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	155	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625.1	-88	-88	47	120	
2022/23-1	MO-OXN	srgt environ	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	79.2	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 8270C	-88	-88	51	143	
2022/23-1	MO-OXN	srgt environ	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	86.1	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 625.1	-88	-88	47	120	
2022/23-1	MO-SIM	srgt environ	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	133	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270C	-88	-88	51	143	
2022/23-1	MO-SIM	srgt environ	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	144	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625.1	-88	-88	47	120	
2022/23-1	MO-SPA	srgt environ	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	145	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270C	-88	-88	51	143	
2022/23-1	MO-SPA	srgt environ	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	157	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 625.1	-88	-88	47	120	
2022/23-1	MO-THO	srgt environ	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	69.8	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 8270C	-88	-88	51	143	
2022/23-1	MO-THO	srgt environ	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	79.8	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625.1	-88	-88	47	120	
2022/23-1	MO-VEN	srgt environ	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	143	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	12/3/2022	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 8270C	-88	-88	51	143	
2022/23-1	MO-VEN	srgt environ	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	154	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	12/13/2022	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625.1	-88	-88	47	120	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	N-Nitrosodimethylamine	n/a	=	8.18	µg/L	EPA 625.1	0.5	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	N-Nitrosodimethylamine	n/a	=	41	%	EPA 625.1	-88	-88	22	120	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	N-Nitrosodimethylamine	n/a	=	22	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	N-Nitrosodimethylamine	n/a	=	10.2	µg/L	EPA 625.1	0.5	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	N-Nitrosodimethylamine	n/a	=	51	%	EPA 625.1	-88	-88	22	120	
2022/23-1	Lab	method blank	12/13/2022	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-1	Lab	LCS dup	12/12/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	14.9	µg/L	EPA 625.1	0.26	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	75	%	EPA 625.1	-88	-88	14	198	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	17.7	µg/L	EPA 625.1	0.26	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	89	%	EPA 625.1	-88	-88	14	198	
2022/23-1	Lab	method blank	12/13/2022	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-1	Lab	LCS dup	12/12/2022	Organic	N-Nitrosodiphenylamine	n/a	=	13.2	µg/L	EPA 625.1	0.19	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	N-Nitrosodiphenylamine	n/a	=	66	%	EPA 625.1	-88	-88	47	120	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	N-Nitrosodiphenylamine	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	N-Nitrosodiphenylamine	n/a	=	13.7	µg/L	EPA 625.1	0.19	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	N-Nitrosodiphenylamine	n/a	=	69	%	EPA 625.1	-88	-88	47	120	
2022/23-1	Lab	method blank	12/13/2022	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-1	Lab	srgt method blank	11/16/2022	Organic	Perylene-d12	n/a	=	4.73	µg/L	EPA 525.2	-88	-88			
2022/23-1	Lab	srgt method blank, rec	11/16/2022	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2022/23-1	Lab	srgt LCS	11/16/2022	Organic	Perylene-d12	n/a	=	4.62	µg/L	EPA 525.2	-88	-88			
2022/23-1	Lab	srgt LCS, rec	11/16/2022	Organic	Perylene-d12	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2022/23-1	Lab	srgt LCS dup	11/16/2022	Organic	Perylene-d12	n/a	=	4.76	µg/L	EPA 525.2	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	11/16/2022	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2022/23-1	ME-CC	srgt environ	11/16/2022	Organic	Perylene-d12	n/a	=	23.4	µg/L	EPA 525.2	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	11/16/2022	Organic	Perylene-d12	n/a	=	94	%	EPA 525.2	-88	-88	50	120	
2022/23-1	ME-VR2	srgt environ	11/16/2022	Organic	Perylene-d12	n/a	=	5.26	µg/L	EPA 525.2	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	11/16/2022	Organic	Perylene-d12	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2022/23-1	MO-CAM	srgt environ	11/16/2022	Organic	Perylene-d12	n/a	=	24.4	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	11/16/2022	Organic	Perylene-d12	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2022/23-1	MO-FIL	srgt environ	11/16/2022	Organic	Perylene-d12	n/a	=	24.2	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-FIL	srgt environ, rec	11/16/2022	Organic	Perylene-d12	n/a	=	97	%	EPA 525.2	-88	-88	50	120	
2022/23-1	MO-HUE	srgt environ	11/16/2022	Organic	Perylene-d12	n/a	=	5.19	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	11/16/2022	Organic	Perylene-d12	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2022/23-1	MO-MEI	srgt environ	11/16/2022	Organic	Perylene-d12	n/a	=	49.6	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	11/16/2022	Organic	Perylene-d12	n/a	=	99	%	EPA 525.2	-88	-88	50	120	
2022/23-1	MO-MPK	srgt environ	11/16/2022	Organic	Perylene-d12	n/a	=	48.6	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	11/16/2022	Organic	Perylene-d12	n/a	=	97	%	EPA 525.2	-88	-88	50	120	
2022/23-1	MO-OJA	srgt environ	11/16/2022	Organic	Perylene-d12	n/a	=	47.1	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	11/16/2022	Organic	Perylene-d12	n/a	=	94	%	EPA 525.2	-88	-88	50	120	
2022/23-1	MO-OXN	srgt environ	11/16/2022	Organic	Perylene-d12	n/a	=	25.4	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	11/16/2022	Organic	Perylene-d12	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2022/23-1	MO-SIM	srgt environ	11/16/2022	Organic	Perylene-d12	n/a	=	23.3	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	11/16/2022	Organic	Perylene-d12	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2022/23-1	MO-SPA	srgt environ	11/16/2022	Organic	Perylene-d12	n/a	=	51.9	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	11/16/2022	Organic	Perylene-d12	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2022/23-1	MO-THO	srgt environ	11/16/2022	Organic	Perylene-d12	n/a	=	24.1	µg/L	EPA 525.2	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	MO-THO	srgt environ, rec	11/16/2022	Organic	Perylene-d12	n/a	=	96	%	EPA 525.2	-88	-88	50	120	
2022/23-1	MO-VEN	srgt environ	11/16/2022	Organic	Perylene-d12	n/a	=	48	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	11/16/2022	Organic	Perylene-d12	n/a	=	96	%	EPA 525.2	-88	-88	50	120	
2022/23-1	Lab	method blank	12/3/2022	Organic	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2022/23-1	Lab	LCS	12/3/2022	Organic	Phenanthrene	n/a	=	14.1	µg/L	EPA 8270C	0.029	0.1			
2022/23-1	Lab	LCS, rec	12/3/2022	Organic	Phenanthrene	n/a	=	70	%	EPA 8270C	-88	-88	21	131	
2022/23-1	Lab	LCS dup	12/3/2022	Organic	Phenanthrene	n/a	=	14.1	µg/L	EPA 8270C	0.029	0.1			
2022/23-1	Lab	LCS dup, rec	12/3/2022	Organic	Phenanthrene	n/a	=	70	%	EPA 8270C	-88	-88	21	131	
2022/23-1	Lab	LCS, RPD	12/3/2022	Organic	Phenanthrene	n/a	=	0.02	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Phenanthrene	n/a	=	17.2	µg/L	EPA 625.1	0.32	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Phenanthrene	n/a	=	86	%	EPA 625.1	-88	-88	65	120	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Phenanthrene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Phenanthrene	n/a	=	17.7	µg/L	EPA 625.1	0.32	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Phenanthrene	n/a	=	89	%	EPA 625.1	-88	-88	65	120	
2022/23-1	Lab	method blank	12/13/2022	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2022/23-1	Lab	method blank	12/10/2022	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2022/23-1	Lab	LCS	12/10/2022	Organic	Phenol	n/a	=	6.21	µg/L	EPA 8270C	0.35	1			
2022/23-1	Lab	LCS, rec	12/10/2022	Organic	Phenol	n/a	=	31	%	EPA 8270C	-88	-88	6	43	
2022/23-1	Lab	LCS dup	12/10/2022	Organic	Phenol	n/a	=	7.08	µg/L	EPA 8270C	0.35	1			
2022/23-1	Lab	LCS dup, rec	12/10/2022	Organic	Phenol	n/a	=	35	%	EPA 8270C	-88	-88	6	43	
2022/23-1	Lab	LCS, RPD	12/10/2022	Organic	Phenol	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Phenol	n/a	=	5.22	µg/L	EPA 625.1	0.81	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Phenol	n/a	=	26	%	EPA 625.1	-88	-88	17	120	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Phenol	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Phenol	n/a	=	6.3	µg/L	EPA 625.1	0.81	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Phenol	n/a	=	32	%	EPA 625.1	-88	-88	17	120	
2022/23-1	Lab	method blank	12/13/2022	Organic	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1			
2022/23-1	Lab	srgt method blank	12/10/2022	Organic	Phenol-d5	n/a	=	11.3	µg/L	EPA 8270C	-88	-88			
2022/23-1	Lab	srgt method blank, rec	12/10/2022	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2022/23-1	Lab	srgt LCS	12/10/2022	Organic	Phenol-d5	n/a	=	12.2	µg/L	EPA 8270C	-88	-88			
2022/23-1	Lab	srgt LCS, rec	12/10/2022	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2022/23-1	Lab	srgt LCS dup	12/10/2022	Organic	Phenol-d5	n/a	=	14	µg/L	EPA 8270C	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	12/10/2022	Organic	Phenol-d5	n/a	=	35	%	EPA 8270C	-88	-88	5	46	
2022/23-1	Lab	srgt LCS dup	12/12/2022	Organic	Phenol-d5	n/a	=	10.6	µg/L	EPA 625.1	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	12/12/2022	Organic	Phenol-d5	n/a	=	26	%	EPA 625.1	-88	-88	12	120	
2022/23-1	Lab	srgt LCS	12/13/2022	Organic	Phenol-d5	n/a	=	12.6	µg/L	EPA 625.1	-88	-88			
2022/23-1	Lab	srgt LCS, rec	12/13/2022	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2022/23-1	Lab	srgt method blank	12/13/2022	Organic	Phenol-d5	n/a	=	10.8	µg/L	EPA 625.1	-88	-88			
2022/23-1	Lab	srgt method blank, rec	12/13/2022	Organic	Phenol-d5	n/a	=	27	%	EPA 625.1	-88	-88	12	120	
2022/23-1	ME-CC	srgt environ	12/10/2022	Organic	Phenol-d5	n/a	=	252	µg/L	EPA 8270C	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	12/10/2022	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2022/23-1	ME-CC	srgt environ	12/13/2022	Organic	Phenol-d5	n/a	=	237	µg/L	EPA 625.1	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	12/13/2022	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2022/23-1	ME-VR2	srgt environ	12/10/2022	Organic	Phenol-d5	n/a	=	13.7	µg/L	EPA 8270C	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	12/10/2022	Organic	Phenol-d5	n/a	=	33	%	EPA 8270C	-88	-88	5	46	
2022/23-1	ME-VR2	srgt environ	12/13/2022	Organic	Phenol-d5	n/a	=	13.1	µg/L	EPA 625.1	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	12/13/2022	Organic	Phenol-d5	n/a	=	32	%	EPA 625.1	-88	-88	12	120	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	MO-CAM	srgt environ	12/10/2022	Organic	Phenol-d5	n/a	=	122	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	12/10/2022	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2022/23-1	MO-CAM	srgt environ	12/13/2022	Organic	Phenol-d5	n/a	=	120	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	12/13/2022	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2022/23-1	MO-FIL	srgt environ	12/10/2022	Organic	Phenol-d5	n/a	=	114	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-FIL	srgt environ, rec	12/10/2022	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2022/23-1	MO-FIL	srgt environ	12/13/2022	Organic	Phenol-d5	n/a	=	113	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-FIL	srgt environ, rec	12/13/2022	Organic	Phenol-d5	n/a	=	28	%	EPA 625.1	-88	-88	12	120	
2022/23-1	MO-HUE	srgt environ	12/10/2022	Organic	Phenol-d5	n/a	=	12.8	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	12/10/2022	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2022/23-1	MO-HUE	srgt environ	12/13/2022	Organic	Phenol-d5	n/a	=	12.1	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	12/13/2022	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2022/23-1	MO-MEI	srgt environ	12/10/2022	Organic	Phenol-d5	n/a	=	127	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	12/10/2022	Organic	Phenol-d5	n/a	=	32	%	EPA 8270C	-88	-88	5	46	
2022/23-1	MO-MEI	srgt environ	12/13/2022	Organic	Phenol-d5	n/a	=	128	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	12/13/2022	Organic	Phenol-d5	n/a	=	32	%	EPA 625.1	-88	-88	12	120	
2022/23-1	MO-MPK	srgt environ	12/10/2022	Organic	Phenol-d5	n/a	=	134	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	12/10/2022	Organic	Phenol-d5	n/a	=	33	%	EPA 8270C	-88	-88	5	46	
2022/23-1	MO-MPK	srgt environ	12/13/2022	Organic	Phenol-d5	n/a	=	127	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	12/13/2022	Organic	Phenol-d5	n/a	=	32	%	EPA 625.1	-88	-88	12	120	
2022/23-1	MO-OJA	srgt environ	12/10/2022	Organic	Phenol-d5	n/a	=	106	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	12/10/2022	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	
2022/23-1	MO-OJA	srgt environ	12/13/2022	Organic	Phenol-d5	n/a	=	108	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	12/13/2022	Organic	Phenol-d5	n/a	=	27	%	EPA 625.1	-88	-88	12	120	
2022/23-1	MO-OXN	srgt environ	12/10/2022	Organic	Phenol-d5	n/a	=	56.7	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	12/10/2022	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2022/23-1	MO-OXN	srgt environ	12/13/2022	Organic	Phenol-d5	n/a	=	56.7	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	12/13/2022	Organic	Phenol-d5	n/a	=	28	%	EPA 625.1	-88	-88	12	120	
2022/23-1	MO-SIM	srgt environ	12/10/2022	Organic	Phenol-d5	n/a	=	105	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	12/10/2022	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	
2022/23-1	MO-SIM	srgt environ	12/13/2022	Organic	Phenol-d5	n/a	=	105	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	12/13/2022	Organic	Phenol-d5	n/a	=	26	%	EPA 625.1	-88	-88	12	120	
2022/23-1	MO-SPA	srgt environ	12/10/2022	Organic	Phenol-d5	n/a	=	123	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	12/10/2022	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2022/23-1	MO-SPA	srgt environ	12/13/2022	Organic	Phenol-d5	n/a	=	117	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	12/13/2022	Organic	Phenol-d5	n/a	=	29	%	EPA 625.1	-88	-88	12	120	
2022/23-1	MO-THO	srgt environ	12/10/2022	Organic	Phenol-d5	n/a	=	61.9	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	12/10/2022	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2022/23-1	MO-THO	srgt environ	12/13/2022	Organic	Phenol-d5	n/a	=	61.4	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	12/13/2022	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2022/23-1	MO-VEN	srgt environ	12/10/2022	Organic	Phenol-d5	n/a	=	115	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	12/10/2022	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2022/23-1	MO-VEN	srgt environ	12/13/2022	Organic	Phenol-d5	n/a	=	113	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	12/13/2022	Organic	Phenol-d5	n/a	=	28	%	EPA 625.1	-88	-88	12	120	
2022/23-1	Lab	srgt method blank	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	18.8	µg/L	EPA 8270C	-88	-88			
2022/23-1	Lab	srgt method blank, rec	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 8270C	-88	-88	19	134	
2022/23-1	Lab	srgt LCS	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	17.2	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	srgt LCS, rec	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 8270C	-88	-88	19	134	
2022/23-1	Lab	srgt LCS dup	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	17.4	µg/L	EPA 8270C	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 8270C	-88	-88	19	134	
2022/23-1	Lab	srgt LCS dup	12/12/2022	Organic	p-Terphenyl-d14	n/a	=	20.9	µg/L	EPA 625.1	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	12/12/2022	Organic	p-Terphenyl-d14	n/a	=	104	%	EPA 625.1	-88	-88	44	129	
2022/23-1	Lab	srgt LCS	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	19.9	µg/L	EPA 625.1	-88	-88			
2022/23-1	Lab	srgt LCS, rec	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 625.1	-88	-88	44	129	
2022/23-1	Lab	srgt method blank	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	20	µg/L	EPA 625.1	-88	-88			
2022/23-1	Lab	srgt method blank, rec	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 625.1	-88	-88	44	129	
2022/23-1	ME-CC	srgt environ	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	362	µg/L	EPA 8270C	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 8270C	-88	-88	19	134	
2022/23-1	ME-CC	srgt environ	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	391	µg/L	EPA 625.1	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	98	%	EPA 625.1	-88	-88	44	129	
2022/23-1	ME-VR2	srgt environ	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	18.2	µg/L	EPA 8270C	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 8270C	-88	-88	19	134	
2022/23-1	ME-VR2	srgt environ	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	19.5	µg/L	EPA 625.1	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 625.1	-88	-88	44	129	
2022/23-1	MO-CAM	srgt environ	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	181	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 8270C	-88	-88	19	134	
2022/23-1	MO-CAM	srgt environ	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	196	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	98	%	EPA 625.1	-88	-88	44	129	
2022/23-1	MO-FIL	srgt environ	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	170	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-FIL	srgt environ, rec	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 8270C	-88	-88	19	134	
2022/23-1	MO-FIL	srgt environ	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	182	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-FIL	srgt environ, rec	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 625.1	-88	-88	44	129	
2022/23-1	MO-HUE	srgt environ	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	18	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 8270C	-88	-88	19	134	
2022/23-1	MO-HUE	srgt environ	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	18.7	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 625.1	-88	-88	44	129	
2022/23-1	MO-MEI	srgt environ	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	186	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 8270C	-88	-88	19	134	
2022/23-1	MO-MEI	srgt environ	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	198	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 625.1	-88	-88	44	129	
2022/23-1	MO-MPK	srgt environ	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	181	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 8270C	-88	-88	19	134	
2022/23-1	MO-MPK	srgt environ	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	192	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	96	%	EPA 625.1	-88	-88	44	129	
2022/23-1	MO-OJA	srgt environ	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	184	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 8270C	-88	-88	19	134	
2022/23-1	MO-OJA	srgt environ	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	193	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	96	%	EPA 625.1	-88	-88	44	129	
2022/23-1	MO-oxn	srgt environ	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	109	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-oxn	srgt environ, rec	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	109	%	EPA 8270C	-88	-88	19	134	
2022/23-1	MO-oxn	srgt environ	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	104	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-oxn	srgt environ, rec	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	104	%	EPA 625.1	-88	-88	44	129	
2022/23-1	MO-SIM	srgt environ	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	185	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 8270C	-88	-88	19	134	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	MO-SIM	srgt environ	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	191	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	96	%	EPA 625.1	-88	-88	44	129	
2022/23-1	MO-SPA	srgt environ	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	176	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 8270C	-88	-88	19	134	
2022/23-1	MO-SPA	srgt environ	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	187	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 625.1	-88	-88	44	129	
2022/23-1	MO-THO	srgt environ	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	87.8	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 8270C	-88	-88	19	134	
2022/23-1	MO-THO	srgt environ	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	91.3	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 625.1	-88	-88	44	129	
2022/23-1	MO-VEN	srgt environ	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	191	µg/L	EPA 8270C	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	12/3/2022	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 8270C	-88	-88	19	134	
2022/23-1	MO-VEN	srgt environ	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	200	µg/L	EPA 625.1	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	12/13/2022	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 625.1	-88	-88	44	129	
2022/23-1	Lab	method blank	12/3/2022	Organic	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1			
2022/23-1	Lab	LCS	12/3/2022	Organic	Pyrene	n/a	=	15	µg/L	EPA 8270C	0.04	0.1			
2022/23-1	Lab	LCS, rec	12/3/2022	Organic	Pyrene	n/a	=	75	%	EPA 8270C	-88	-88	26	128	
2022/23-1	Lab	LCS dup	12/3/2022	Organic	Pyrene	n/a	=	14.6	µg/L	EPA 8270C	0.04	0.1			
2022/23-1	Lab	LCS dup, rec	12/3/2022	Organic	Pyrene	n/a	=	73	%	EPA 8270C	-88	-88	26	128	
2022/23-1	Lab	LCS, RPD	12/3/2022	Organic	Pyrene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Organic	Pyrene	n/a	=	17.9	µg/L	EPA 625.1	0.25	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Organic	Pyrene	n/a	=	89	%	EPA 625.1	-88	-88	70	120	
2022/23-1	Lab	LCS, RPD	12/12/2022	Organic	Pyrene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Organic	Pyrene	n/a	=	17.6	µg/L	EPA 625.1	0.25	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Organic	Pyrene	n/a	=	88	%	EPA 625.1	-88	-88	70	120	
2022/23-1	Lab	method blank	12/13/2022	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-1	Lab	srgt method blank	11/29/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0801	µg/L	EPA 608.3	-88	-88			
2022/23-1	Lab	srgt method blank, rec	11/29/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	80	%	EPA 608.3	-88	-88	32	130	
2022/23-1	Lab	srgt LCS	11/29/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0739	µg/L	EPA 608.3	-88	-88			
2022/23-1	Lab	srgt LCS, rec	11/29/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	74	%	EPA 608.3	-88	-88	32	130	
2022/23-1	Lab	srgt LCS dup	11/29/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0852	µg/L	EPA 608.3	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	11/29/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	85	%	EPA 608.3	-88	-88	32	130	
2022/23-1	ME-CC	srgt environ	11/29/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	1.61	µg/L	EPA 608.3	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	11/29/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	80	%	EPA 608.3	-88	-88	32	130	
2022/23-1	ME-VR2	srgt environ	11/29/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0809	µg/L	EPA 608.3	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	11/29/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	80	%	EPA 608.3	-88	-88	32	130	
2022/23-1	MO-CAM	srgt environ	11/30/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.658	µg/L	EPA 608.3	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	11/30/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	66	%	EPA 608.3	-88	-88	32	130	
2022/23-1	MO-FIL	srgt environ	11/30/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.656	µg/L	EPA 608.3	-88	-88			
2022/23-1	MO-FIL	srgt environ, rec	11/30/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	66	%	EPA 608.3	-88	-88	32	130	
2022/23-1	MO-HUE	srgt environ	11/30/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.343	µg/L	EPA 608.3	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	11/30/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	69	%	EPA 608.3	-88	-88	32	130	
2022/23-1	MO-MEI	srgt environ	11/30/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.675	µg/L	EPA 608.3	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	11/30/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	67	%	EPA 608.3	-88	-88	32	130	
2022/23-1	MO-MPK	srgt environ	11/30/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.654	µg/L	EPA 608.3	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	11/30/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	65	%	EPA 608.3	-88	-88	32	130	
2022/23-1	MO-OJA	srgt environ	11/30/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.667	µg/L	EPA 608.3	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	MO-OJA	srgt environ, rec	11/30/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	67	%	EPA 608.3	-88	-88	32	130	
2022/23-1	MO-OXN	srgt environ	11/30/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.346	µg/L	EPA 608.3	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	11/30/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	69	%	EPA 608.3	-88	-88	32	130	
2022/23-1	MO-SIM	srgt environ	11/30/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.628	µg/L	EPA 608.3	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	11/30/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	63	%	EPA 608.3	-88	-88	32	130	
2022/23-1	MO-SPA	srgt environ	11/30/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.629	µg/L	EPA 608.3	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	11/30/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	63	%	EPA 608.3	-88	-88	32	130	
2022/23-1	MO-THO	srgt environ	11/30/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.358	µg/L	EPA 608.3	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	11/30/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	72	%	EPA 608.3	-88	-88	32	130	
2022/23-1	MO-VEN	srgt environ	11/30/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.636	µg/L	EPA 608.3	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	11/30/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	64	%	EPA 608.3	-88	-88	32	130	
2022/23-1	Lab	srgt LCS	11/12/2022	Organic	Toluene-d8	n/a	=	51.6	µg/L	EPA 624.1	-88	-88			
2022/23-1	Lab	srgt LCS, rec	11/12/2022	Organic	Toluene-d8	n/a	=	103	%	EPA 624.1	-88	-88	92	112	
2022/23-1	Lab	srgt LCS dup	11/12/2022	Organic	Toluene-d8	n/a	=	51	µg/L	EPA 624.1	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	11/12/2022	Organic	Toluene-d8	n/a	=	102	%	EPA 624.1	-88	-88	92	112	
2022/23-1	Lab	srgt method blank	11/12/2022	Organic	Toluene-d8	n/a	=	46.9	µg/L	EPA 624.1	-88	-88			
2022/23-1	Lab	srgt method blank, rec	11/12/2022	Organic	Toluene-d8	n/a	=	94	%	EPA 624.1	-88	-88	92	112	
2022/23-1	Lab	srgt LCS	11/12/2022	Organic	Toluene-d8	n/a	=	51.9	µg/L	EPA 624.1	-88	-88			
2022/23-1	Lab	srgt LCS, rec	11/12/2022	Organic	Toluene-d8	n/a	=	104	%	EPA 624.1	-88	-88	92	112	
2022/23-1	Lab	srgt LCS dup	11/12/2022	Organic	Toluene-d8	n/a	=	51.8	µg/L	EPA 624.1	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	11/12/2022	Organic	Toluene-d8	n/a	=	104	%	EPA 624.1	-88	-88	92	112	
2022/23-1	Lab	srgt method blank	11/12/2022	Organic	Toluene-d8	n/a	=	48.5	µg/L	EPA 624.1	-88	-88			
2022/23-1	Lab	srgt method blank, rec	11/12/2022	Organic	Toluene-d8	n/a	=	97	%	EPA 624.1	-88	-88	92	112	
2022/23-1	ME-CC	srgt environ	11/12/2022	Organic	Toluene-d8	n/a	=	48.9	µg/L	EPA 624.1	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	11/12/2022	Organic	Toluene-d8	n/a	=	98	%	EPA 624.1	-88	-88	92	112	
2022/23-1	ME-VR2	srgt environ	11/12/2022	Organic	Toluene-d8	n/a	=	49	µg/L	EPA 624.1	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	11/12/2022	Organic	Toluene-d8	n/a	=	98	%	EPA 624.1	-88	-88	92	112	
2022/23-1	MO-CAM	srgt environ	11/12/2022	Organic	Toluene-d8	n/a	=	49.2	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	11/12/2022	Organic	Toluene-d8	n/a	=	98	%	EPA 624.1	-88	-88	92	112	
2022/23-1	MO-CAM	srgt environ	11/12/2022	Organic	Toluene-d8	n/a	=	49.6	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	11/12/2022	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	92	112	
2022/23-1	MO-FIL	srgt environ	11/12/2022	Organic	Toluene-d8	n/a	=	50.6	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-FIL	srgt environ, rec	11/12/2022	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2022/23-1	MO-HUE	srgt environ	11/12/2022	Organic	Toluene-d8	n/a	=	49.3	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	11/12/2022	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	92	112	
2022/23-1	MO-MEI	srgt environ	11/12/2022	Organic	Toluene-d8	n/a	=	49.3	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	11/12/2022	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	92	112	
2022/23-1	MO-MPK	srgt environ	11/12/2022	Organic	Toluene-d8	n/a	=	48.6	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	11/12/2022	Organic	Toluene-d8	n/a	=	97	%	EPA 624.1	-88	-88	92	112	
2022/23-1	MO-OJA	srgt environ	11/12/2022	Organic	Toluene-d8	n/a	=	49.2	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	11/12/2022	Organic	Toluene-d8	n/a	=	98	%	EPA 624.1	-88	-88	92	112	
2022/23-1	MO-OJA	srgt field blank	11/12/2022	Organic	Toluene-d8	n/a	=	48.3	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-OJA	srgt field blank, rec	11/12/2022	Organic	Toluene-d8	n/a	=	97	%	EPA 624.1	-88	-88	92	112	
2022/23-1	MO-OXN	srgt environ	11/12/2022	Organic	Toluene-d8	n/a	=	47.5	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	11/12/2022	Organic	Toluene-d8	n/a	=	95	%	EPA 624.1	-88	-88	92	112	
2022/23-1	MO-SIM	srgt environ	11/12/2022	Organic	Toluene-d8	n/a	=	47.1	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	11/12/2022	Organic	Toluene-d8	n/a	=	94	%	EPA 624.1	-88	-88	92	112	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	MO-SPA	srgt environ	11/12/2022	Organic	Toluene-d8	n/a	=	48.5	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	11/12/2022	Organic	Toluene-d8	n/a	=	97	%	EPA 624.1	-88	-88	92	112	
2022/23-1	MO-THO	srgt environ	11/12/2022	Organic	Toluene-d8	n/a	=	47.8	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	11/12/2022	Organic	Toluene-d8	n/a	=	96	%	EPA 624.1	-88	-88	92	112	
2022/23-1	MO-VEN	srgt environ	11/12/2022	Organic	Toluene-d8	n/a	=	49.3	µg/L	EPA 624.1	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	11/12/2022	Organic	Toluene-d8	n/a	=	99	%	EPA 624.1	-88	-88	92	112	
2022/23-1	000NONPJ	srgt matrix spike	11/19/2022	Organic	Triphenylphosphate	n/a	=	2.22	µg/L	EPA 625.1m	-88	-88			GN
2022/23-1	000NONPJ	srgt matrix spike, rec	11/19/2022	Organic	Triphenylphosphate	n/a	=	445	%	EPA 625.1m	-88	-88	40	200	GN
2022/23-1	000NONPJ	srgt matrix spike dup	11/19/2022	Organic	Triphenylphosphate	n/a	=	2.05	µg/L	EPA 625.1m	-88	-88			GN
2022/23-1	000NONPJ	srgt matrix spike dup, rec	11/19/2022	Organic	Triphenylphosphate	n/a	=	409	%	EPA 625.1m	-88	-88	40	200	GN
2022/23-1	Lab	srgt method blank	11/16/2022	Organic	Triphenylphosphate	n/a	=	5.27	µg/L	EPA 525.2	-88	-88			
2022/23-1	Lab	srgt method blank, rec	11/16/2022	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	srgt LCS	11/16/2022	Organic	Triphenylphosphate	n/a	=	5.46	µg/L	EPA 525.2	-88	-88			
2022/23-1	Lab	srgt LCS, rec	11/16/2022	Organic	Triphenylphosphate	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	srgt LCS dup	11/16/2022	Organic	Triphenylphosphate	n/a	=	5.26	µg/L	EPA 525.2	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	11/16/2022	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	srgt LCS	11/18/2022	Organic	Triphenylphosphate	n/a	=	0.717	µg/L	EPA 625.1m	-88	-88			
2022/23-1	Lab	srgt LCS, rec	11/18/2022	Organic	Triphenylphosphate	n/a	=	143	%	EPA 625.1m	-88	-88	40	200	
2022/23-1	Lab	srgt method blank	11/18/2022	Organic	Triphenylphosphate	n/a	=	0.826	µg/L	EPA 625.1m	-88	-88			
2022/23-1	Lab	srgt method blank, rec	11/18/2022	Organic	Triphenylphosphate	n/a	=	165	%	EPA 625.1m	-88	-88	40	200	
2022/23-1	ME-CC	srgt environ	11/16/2022	Organic	Triphenylphosphate	n/a	=	26.8	µg/L	EPA 525.2	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	11/16/2022	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2022/23-1	ME-CC	srgt environ	11/18/2022	Organic	Triphenylphosphate	n/a	=	4.19	µg/L	EPA 625.1m	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	11/18/2022	Organic	Triphenylphosphate	n/a	=	168	%	EPA 625.1m	-88	-88	40	200	
2022/23-1	ME-VR2	srgt environ	11/16/2022	Organic	Triphenylphosphate	n/a	=	5.7	µg/L	EPA 525.2	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	11/16/2022	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2022/23-1	ME-VR2	srgt environ	11/18/2022	Organic	Triphenylphosphate	n/a	=	0.863	µg/L	EPA 625.1m	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	11/18/2022	Organic	Triphenylphosphate	n/a	=	173	%	EPA 625.1m	-88	-88	40	200	
2022/23-1	MO-CAM	srgt environ	11/16/2022	Organic	Triphenylphosphate	n/a	=	26.3	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	11/16/2022	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2022/23-1	MO-CAM	srgt environ	11/18/2022	Organic	Triphenylphosphate	n/a	=	4.95	µg/L	EPA 625.1m	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	11/18/2022	Organic	Triphenylphosphate	n/a	=	198	%	EPA 625.1m	-88	-88	40	200	
2022/23-1	MO-FIL	srgt environ	11/16/2022	Organic	Triphenylphosphate	n/a	=	26.7	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-FIL	srgt environ, rec	11/16/2022	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2022/23-1	MO-FIL	srgt environ	11/19/2022	Organic	Triphenylphosphate	n/a	=	5.29	µg/L	EPA 625.1m	-88	-88			GN
2022/23-1	MO-FIL	srgt environ, rec	11/19/2022	Organic	Triphenylphosphate	n/a	=	211	%	EPA 625.1m	-88	-88	40	200	GN
2022/23-1	MO-HUE	srgt environ	11/16/2022	Organic	Triphenylphosphate	n/a	=	6.13	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	11/16/2022	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2022/23-1	MO-HUE	srgt environ	11/19/2022	Organic	Triphenylphosphate	n/a	=	1.04	µg/L	EPA 625.1m	-88	-88			GN
2022/23-1	MO-HUE	srgt environ, rec	11/19/2022	Organic	Triphenylphosphate	n/a	=	209	%	EPA 625.1m	-88	-88	40	200	GN
2022/23-1	MO-MEI	srgt environ	11/16/2022	Organic	Triphenylphosphate	n/a	=	53.8	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	11/16/2022	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2022/23-1	MO-MEI	srgt environ	11/18/2022	Organic	Triphenylphosphate	n/a	=	10.8	µg/L	EPA 625.1m	-88	-88			GN
2022/23-1	MO-MEI	srgt environ, rec	11/18/2022	Organic	Triphenylphosphate	n/a	=	216	%	EPA 625.1m	-88	-88	40	200	GN
2022/23-1	MO-MPK	srgt environ	11/16/2022	Organic	Triphenylphosphate	n/a	=	53	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	11/16/2022	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2022/23-1	MO-MPK	srgt environ	11/19/2022	Organic	Triphenylphosphate	n/a	=	7.53	µg/L	EPA 625.1m	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	MO-MPK	srgt environ, rec	11/19/2022	Organic	Triphenylphosphate	n/a	=	151	%	EPA 625.1m	-88	-88	40	200	
2022/23-1	MO-OJA	srgt environ	11/16/2022	Organic	Triphenylphosphate	n/a	=	54.9	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	11/16/2022	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2022/23-1	MO-OJA	srgt environ	11/18/2022	Organic	Triphenylphosphate	n/a	=	9.35	µg/L	EPA 625.1m	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	11/18/2022	Organic	Triphenylphosphate	n/a	=	187	%	EPA 625.1m	-88	-88	40	200	
2022/23-1	MO-OXN	srgt environ	11/16/2022	Organic	Triphenylphosphate	n/a	=	27.9	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	11/16/2022	Organic	Triphenylphosphate	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2022/23-1	MO-OXN	srgt environ	11/19/2022	Organic	Triphenylphosphate	n/a	=	4.74	µg/L	EPA 625.1m	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	11/19/2022	Organic	Triphenylphosphate	n/a	=	190	%	EPA 625.1m	-88	-88	40	200	
2022/23-1	MO-SIM	srgt environ	11/16/2022	Organic	Triphenylphosphate	n/a	=	27.5	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	11/16/2022	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2022/23-1	MO-SIM	srgt environ	11/19/2022	Organic	Triphenylphosphate	n/a	=	5.18	µg/L	EPA 625.1m	-88	-88			GN
2022/23-1	MO-SIM	srgt environ, rec	11/19/2022	Organic	Triphenylphosphate	n/a	=	207	%	EPA 625.1m	-88	-88	40	200	GN
2022/23-1	MO-SPA	srgt environ	11/16/2022	Organic	Triphenylphosphate	n/a	=	55.2	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	11/16/2022	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2022/23-1	MO-SPA	srgt environ	11/19/2022	Organic	Triphenylphosphate	n/a	=	11.3	µg/L	EPA 625.1m	-88	-88			GN
2022/23-1	MO-SPA	srgt environ, rec	11/19/2022	Organic	Triphenylphosphate	n/a	=	225	%	EPA 625.1m	-88	-88	40	200	GN
2022/23-1	MO-THO	srgt environ	11/16/2022	Organic	Triphenylphosphate	n/a	=	26.8	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	11/16/2022	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2022/23-1	MO-THO	srgt environ	11/19/2022	Organic	Triphenylphosphate	n/a	=	4.56	µg/L	EPA 625.1m	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	11/19/2022	Organic	Triphenylphosphate	n/a	=	182	%	EPA 625.1m	-88	-88	40	200	
2022/23-1	MO-VEN	srgt environ	11/16/2022	Organic	Triphenylphosphate	n/a	=	52.5	µg/L	EPA 525.2	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	11/16/2022	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2022/23-1	MO-VEN	srgt environ	11/19/2022	Organic	Triphenylphosphate	n/a	=	8.72	µg/L	EPA 625.1m	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	11/19/2022	Organic	Triphenylphosphate	n/a	=	174	%	EPA 625.1m	-88	-88	40	200	
2022/23-1	Lab	srgt method blank	11/29/2022	PCB	PCB 209	n/a	=	0.122	µg/L	EPA 608.3	-88	-88			
2022/23-1	Lab	srgt method blank, rec	11/29/2022	PCB	PCB 209	n/a	=	122	%	EPA 608.3	-88	-88	33	133	
2022/23-1	Lab	srgt LCS	11/29/2022	PCB	PCB 209	n/a	=	0.102	µg/L	EPA 608.3	-88	-88			
2022/23-1	Lab	srgt LCS, rec	11/29/2022	PCB	PCB 209	n/a	=	102	%	EPA 608.3	-88	-88	33	133	
2022/23-1	Lab	srgt LCS dup	11/29/2022	PCB	PCB 209	n/a	=	0.119	µg/L	EPA 608.3	-88	-88			
2022/23-1	Lab	srgt LCS dup, rec	11/29/2022	PCB	PCB 209	n/a	=	119	%	EPA 608.3	-88	-88	33	133	
2022/23-1	ME-CC	srgt environ	11/29/2022	PCB	PCB 209	n/a	=	2.09	µg/L	EPA 608.3	-88	-88			
2022/23-1	ME-CC	srgt environ, rec	11/29/2022	PCB	PCB 209	n/a	=	105	%	EPA 608.3	-88	-88	33	133	
2022/23-1	ME-VR2	srgt environ	11/29/2022	PCB	PCB 209	n/a	=	0.0884	µg/L	EPA 608.3	-88	-88			
2022/23-1	ME-VR2	srgt environ, rec	11/29/2022	PCB	PCB 209	n/a	=	87	%	EPA 608.3	-88	-88	33	133	
2022/23-1	MO-CAM	srgt environ	11/30/2022	PCB	PCB 209	n/a	=	0.698	µg/L	EPA 608.3	-88	-88			
2022/23-1	MO-CAM	srgt environ, rec	11/30/2022	PCB	PCB 209	n/a	=	70	%	EPA 608.3	-88	-88	33	133	
2022/23-1	MO-FIL	srgt environ	11/30/2022	PCB	PCB 209	n/a	=	0.728	µg/L	EPA 608.3	-88	-88			
2022/23-1	MO-FIL	srgt environ, rec	11/30/2022	PCB	PCB 209	n/a	=	73	%	EPA 608.3	-88	-88	33	133	
2022/23-1	MO-HUE	srgt environ	11/30/2022	PCB	PCB 209	n/a	=	0.434	µg/L	EPA 608.3	-88	-88			
2022/23-1	MO-HUE	srgt environ, rec	11/30/2022	PCB	PCB 209	n/a	=	87	%	EPA 608.3	-88	-88	33	133	
2022/23-1	MO-MEI	srgt environ	11/30/2022	PCB	PCB 209	n/a	=	0.588	µg/L	EPA 608.3	-88	-88			
2022/23-1	MO-MEI	srgt environ, rec	11/30/2022	PCB	PCB 209	n/a	=	59	%	EPA 608.3	-88	-88	33	133	
2022/23-1	MO-MPK	srgt environ	11/30/2022	PCB	PCB 209	n/a	=	0.5	µg/L	EPA 608.3	-88	-88			
2022/23-1	MO-MPK	srgt environ, rec	11/30/2022	PCB	PCB 209	n/a	=	50	%	EPA 608.3	-88	-88	33	133	
2022/23-1	MO-OJA	srgt environ	11/30/2022	PCB	PCB 209	n/a	=	0.569	µg/L	EPA 608.3	-88	-88			
2022/23-1	MO-OJA	srgt environ, rec	11/30/2022	PCB	PCB 209	n/a	=	57	%	EPA 608.3	-88	-88	33	133	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	MO-OXN	srgt environ	11/30/2022	PCB	PCB 209	n/a	=	0.216	µg/L	EPA 608.3	-88	-88			
2022/23-1	MO-OXN	srgt environ, rec	11/30/2022	PCB	PCB 209	n/a	=	43	%	EPA 608.3	-88	-88	33	133	
2022/23-1	MO-SIM	srgt environ	11/30/2022	PCB	PCB 209	n/a	=	0.863	µg/L	EPA 608.3	-88	-88			
2022/23-1	MO-SIM	srgt environ, rec	11/30/2022	PCB	PCB 209	n/a	=	86	%	EPA 608.3	-88	-88	33	133	
2022/23-1	MO-SPA	srgt environ	11/30/2022	PCB	PCB 209	n/a	=	0.533	µg/L	EPA 608.3	-88	-88			
2022/23-1	MO-SPA	srgt environ, rec	11/30/2022	PCB	PCB 209	n/a	=	53	%	EPA 608.3	-88	-88	33	133	
2022/23-1	MO-THO	srgt environ	11/30/2022	PCB	PCB 209	n/a	=	0.428	µg/L	EPA 608.3	-88	-88			
2022/23-1	MO-THO	srgt environ, rec	11/30/2022	PCB	PCB 209	n/a	=	86	%	EPA 608.3	-88	-88	33	133	
2022/23-1	MO-VEN	srgt environ	11/30/2022	PCB	PCB 209	n/a	=	0.469	µg/L	EPA 608.3	-88	-88			
2022/23-1	MO-VEN	srgt environ, rec	11/30/2022	PCB	PCB 209	n/a	=	47	%	EPA 608.3	-88	-88	33	133	
2022/23-1	Lab	method blank	11/29/2022	PCB	PCB Aroclor 1016	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.5			
2022/23-1	Lab	method blank	11/29/2022	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2022/23-1	Lab	method blank	11/29/2022	PCB	PCB Aroclor 1232	n/a	<	0.083	µg/L	EPA 608.3	0.083	0.5			
2022/23-1	Lab	method blank	11/29/2022	PCB	PCB Aroclor 1242	n/a	<	0.095	µg/L	EPA 608.3	0.095	0.5			
2022/23-1	Lab	method blank	11/29/2022	PCB	PCB Aroclor 1248	n/a	<	0.083	µg/L	EPA 608.3	0.083	0.5			
2022/23-1	Lab	method blank	11/29/2022	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5			
2022/23-1	Lab	method blank	11/29/2022	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5			
2022/23-1	000NONPJ	matrix spike	12/4/2022	Pesticide	2,4,5-T	n/a	=	4.1	µg/L	EPA 515.4	0.03	0.2			
2022/23-1	000NONPJ	matrix spike, rec	12/4/2022	Pesticide	2,4,5-T	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	12/4/2022	Pesticide	2,4,5-T	n/a	=	4.16	µg/L	EPA 515.4	0.03	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	12/4/2022	Pesticide	2,4,5-T	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	12/4/2022	Pesticide	2,4,5-T	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2022/23-1	Lab	method blank	12/4/2022	Pesticide	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2			
2022/23-1	Lab	LCS	12/4/2022	Pesticide	2,4,5-T	n/a	=	4.01	µg/L	EPA 515.4	0.03	0.2			
2022/23-1	Lab	LCS, rec	12/4/2022	Pesticide	2,4,5-T	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike	12/4/2022	Pesticide	2,4,5-TP	n/a	=	4.02	µg/L	EPA 515.4	0.026	0.2			
2022/23-1	000NONPJ	matrix spike, rec	12/4/2022	Pesticide	2,4,5-TP	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	12/4/2022	Pesticide	2,4,5-TP	n/a	=	4.07	µg/L	EPA 515.4	0.026	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	12/4/2022	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	12/4/2022	Pesticide	2,4,5-TP	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2022/23-1	Lab	method blank	12/4/2022	Pesticide	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2			
2022/23-1	Lab	LCS	12/4/2022	Pesticide	2,4,5-TP	n/a	=	3.84	µg/L	EPA 515.4	0.026	0.2			
2022/23-1	Lab	LCS, rec	12/4/2022	Pesticide	2,4,5-TP	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike	12/4/2022	Pesticide	2,4-D	n/a	=	8.35	µg/L	EPA 515.4	0.14	0.4			
2022/23-1	000NONPJ	matrix spike, rec	12/4/2022	Pesticide	2,4-D	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	12/4/2022	Pesticide	2,4-D	n/a	=	8.32	µg/L	EPA 515.4	0.14	0.4			
2022/23-1	000NONPJ	matrix spike dup, rec	12/4/2022	Pesticide	2,4-D	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	12/4/2022	Pesticide	2,4-D	n/a	=	0.3	%	EPA 515.4	-88	-88	0	30	
2022/23-1	Lab	method blank	12/4/2022	Pesticide	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4			
2022/23-1	Lab	LCS	12/4/2022	Pesticide	2,4-D	n/a	=	8.35	µg/L	EPA 515.4	0.14	0.4			
2022/23-1	Lab	LCS, rec	12/4/2022	Pesticide	2,4-D	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike	12/4/2022	Pesticide	2,4-DB	n/a	=	17.5	µg/L	EPA 515.4	0.19	2			
2022/23-1	000NONPJ	matrix spike, rec	12/4/2022	Pesticide	2,4-DB	n/a	=	109	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	12/4/2022	Pesticide	2,4-DB	n/a	=	17.6	µg/L	EPA 515.4	0.19	2			
2022/23-1	000NONPJ	matrix spike dup, rec	12/4/2022	Pesticide	2,4-DB	n/a	=	110	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	12/4/2022	Pesticide	2,4-DB	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2022/23-1	Lab	method blank	12/4/2022	Pesticide	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS	12/4/2022	Pesticide	2,4-DB	n/a	=	17.8	µg/L	EPA 515.4	0.19	2			
2022/23-1	Lab	LCS, rec	12/4/2022	Pesticide	2,4-DB	n/a	=	111	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike	12/4/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.01	µg/L	EPA 515.4	0.12	1			
2022/23-1	000NONPJ	matrix spike, rec	12/4/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	12/4/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.35	µg/L	EPA 515.4	0.12	1			
2022/23-1	000NONPJ	matrix spike dup, rec	12/4/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	12/4/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2022/23-1	Lab	method blank	12/4/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1			
2022/23-1	Lab	LCS	12/4/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.04	µg/L	EPA 515.4	0.12	1			
2022/23-1	Lab	LCS, rec	12/4/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-1	Lab	method blank	11/29/2022	Pesticide	4,4'-DDD	n/a	<	0.0027	µg/L	EPA 608.3	0.0027	0.05			
2022/23-1	Lab	LCS	11/29/2022	Pesticide	4,4'-DDD	n/a	=	0.0929	µg/L	EPA 608.3	0.0027	0.05			
2022/23-1	Lab	LCS, rec	11/29/2022	Pesticide	4,4'-DDD	n/a	=	93	%	EPA 608.3	-88	-88	48	130	
2022/23-1	Lab	LCS dup	11/29/2022	Pesticide	4,4'-DDD	n/a	=	0.101	µg/L	EPA 608.3	0.0027	0.05			
2022/23-1	Lab	LCS dup, rec	11/29/2022	Pesticide	4,4'-DDD	n/a	=	101	%	EPA 608.3	-88	-88	48	130	
2022/23-1	Lab	LCS, RPD	11/29/2022	Pesticide	4,4'-DDD	n/a	=	8	%	EPA 608.3	-88	-88	0	30	
2022/23-1	Lab	method blank	11/29/2022	Pesticide	4,4'-DDE	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.05			
2022/23-1	Lab	LCS	11/29/2022	Pesticide	4,4'-DDE	n/a	=	0.089	µg/L	EPA 608.3	0.0018	0.05			
2022/23-1	Lab	LCS, rec	11/29/2022	Pesticide	4,4'-DDE	n/a	=	89	%	EPA 608.3	-88	-88	54	130	
2022/23-1	Lab	LCS dup	11/29/2022	Pesticide	4,4'-DDE	n/a	=	0.094	µg/L	EPA 608.3	0.0018	0.05			
2022/23-1	Lab	LCS dup, rec	11/29/2022	Pesticide	4,4'-DDE	n/a	=	94	%	EPA 608.3	-88	-88	54	130	
2022/23-1	Lab	LCS, RPD	11/29/2022	Pesticide	4,4'-DDE	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2022/23-1	Lab	method blank	11/29/2022	Pesticide	4,4'-DDT	n/a	<	0.0028	µg/L	EPA 608.3	0.0028	0.01			
2022/23-1	Lab	LCS	11/29/2022	Pesticide	4,4'-DDT	n/a	=	0.0921	µg/L	EPA 608.3	0.0028	0.01			
2022/23-1	Lab	LCS, rec	11/29/2022	Pesticide	4,4'-DDT	n/a	=	92	%	EPA 608.3	-88	-88	46	137	
2022/23-1	Lab	LCS dup	11/29/2022	Pesticide	4,4'-DDT	n/a	=	0.117	µg/L	EPA 608.3	0.0028	0.01			
2022/23-1	Lab	LCS dup, rec	11/29/2022	Pesticide	4,4'-DDT	n/a	=	117	%	EPA 608.3	-88	-88	46	137	
2022/23-1	Lab	LCS, RPD	11/29/2022	Pesticide	4,4'-DDT	n/a	=	24	%	EPA 608.3	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	12/4/2022	Pesticide	Acifluorfen	n/a	=	4.03	µg/L	EPA 515.4	0.03	0.4			
2022/23-1	000NONPJ	matrix spike, rec	12/4/2022	Pesticide	Acifluorfen	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	12/4/2022	Pesticide	Acifluorfen	n/a	=	4.21	µg/L	EPA 515.4	0.03	0.4			
2022/23-1	000NONPJ	matrix spike dup, rec	12/4/2022	Pesticide	Acifluorfen	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	12/4/2022	Pesticide	Acifluorfen	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2022/23-1	Lab	method blank	12/4/2022	Pesticide	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4			
2022/23-1	Lab	LCS	12/4/2022	Pesticide	Acifluorfen	n/a	=	4.35	µg/L	EPA 515.4	0.03	0.4			
2022/23-1	Lab	LCS, rec	12/4/2022	Pesticide	Acifluorfen	n/a	=	109	%	EPA 515.4	-88	-88	70	130	
2022/23-1	Lab	method blank	11/16/2022	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-1	Lab	LCS	11/16/2022	Pesticide	Alachlor	n/a	=	7.85	µg/L	EPA 525.2	0.03	0.1			
2022/23-1	Lab	LCS, rec	11/16/2022	Pesticide	Alachlor	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS dup	11/16/2022	Pesticide	Alachlor	n/a	=	7.5	µg/L	EPA 525.2	0.03	0.1			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Pesticide	Alachlor	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS, RPD	11/16/2022	Pesticide	Alachlor	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2022/23-1	Lab	method blank	11/29/2022	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2022/23-1	Lab	LCS	11/29/2022	Pesticide	Aldrin	n/a	=	0.0753	µg/L	EPA 608.3	0.001	0.005			
2022/23-1	Lab	LCS, rec	11/29/2022	Pesticide	Aldrin	n/a	=	75	%	EPA 608.3	-88	-88	54	130	
2022/23-1	Lab	LCS dup	11/29/2022	Pesticide	Aldrin	n/a	=	0.0773	µg/L	EPA 608.3	0.001	0.005			
2022/23-1	Lab	LCS dup, rec	11/29/2022	Pesticide	Aldrin	n/a	=	77	%	EPA 608.3	-88	-88	54	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS, RPD	11/29/2022	Pesticide	Aldrin	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2022/23-1	Lab	method blank	11/29/2022	Pesticide	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2022/23-1	Lab	LCS	11/29/2022	Pesticide	alpha-BHC	n/a	=	0.0801	µg/L	EPA 608.3	0.0011	0.01			
2022/23-1	Lab	LCS, rec	11/29/2022	Pesticide	alpha-BHC	n/a	=	80	%	EPA 608.3	-88	-88	49	130	
2022/23-1	Lab	LCS dup	11/29/2022	Pesticide	alpha-BHC	n/a	=	0.0886	µg/L	EPA 608.3	0.0011	0.01			
2022/23-1	Lab	LCS dup, rec	11/29/2022	Pesticide	alpha-BHC	n/a	=	89	%	EPA 608.3	-88	-88	49	130	
2022/23-1	Lab	LCS, RPD	11/29/2022	Pesticide	alpha-BHC	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2022/23-1	Lab	method blank	11/29/2022	Pesticide	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01			
2022/23-1	Lab	method blank	11/16/2022	Pesticide	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1			
2022/23-1	Lab	LCS	11/16/2022	Pesticide	Atrazine	n/a	=	4.8	µg/L	EPA 525.2	0.011	0.1			
2022/23-1	Lab	LCS, rec	11/16/2022	Pesticide	Atrazine	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS dup	11/16/2022	Pesticide	Atrazine	n/a	=	4.6	µg/L	EPA 525.2	0.011	0.1			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Pesticide	Atrazine	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS, RPD	11/16/2022	Pesticide	Atrazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Azinphos methyl	n/a	=	0	%	EPA 625.1m	-88	-88	0.1	153	GB
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Azinphos methyl	n/a	=	0	%	EPA 625.1m	-88	-88	0.1	153	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Azinphos methyl	n/a	=	0	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Azinphos methyl	n/a	=	0.0562	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Azinphos methyl	n/a	=	112	%	EPA 625.1m	-88	-88	47	200	
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-1	000NONPJ	matrix spike	12/4/2022	Pesticide	Bentazon	n/a	=	17.5	µg/L	EPA 515.4	0.23	2			
2022/23-1	000NONPJ	matrix spike, rec	12/4/2022	Pesticide	Bentazon	n/a	=	109	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	12/4/2022	Pesticide	Bentazon	n/a	=	16.4	µg/L	EPA 515.4	0.23	2			
2022/23-1	000NONPJ	matrix spike dup, rec	12/4/2022	Pesticide	Bentazon	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	12/4/2022	Pesticide	Bentazon	n/a	=	7	%	EPA 515.4	-88	-88	0	30	
2022/23-1	Lab	method blank	12/4/2022	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2			
2022/23-1	Lab	LCS	12/4/2022	Pesticide	Bentazon	n/a	=	17.6	µg/L	EPA 515.4	0.23	2			
2022/23-1	Lab	LCS, rec	12/4/2022	Pesticide	Bentazon	n/a	=	110	%	EPA 515.4	-88	-88	70	130	
2022/23-1	Lab	method blank	11/29/2022	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2022/23-1	Lab	LCS	11/29/2022	Pesticide	beta-BHC	n/a	=	0.0906	µg/L	EPA 608.3	0.0015	0.005			
2022/23-1	Lab	LCS, rec	11/29/2022	Pesticide	beta-BHC	n/a	=	91	%	EPA 608.3	-88	-88	39	130	
2022/23-1	Lab	LCS dup	11/29/2022	Pesticide	beta-BHC	n/a	=	0.0953	µg/L	EPA 608.3	0.0015	0.005			
2022/23-1	Lab	LCS dup, rec	11/29/2022	Pesticide	beta-BHC	n/a	=	95	%	EPA 608.3	-88	-88	39	130	
2022/23-1	Lab	LCS, RPD	11/29/2022	Pesticide	beta-BHC	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Bolstar	n/a	=	0	%	EPA 625.1m	-88	-88	22	160	GB
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Bolstar	n/a	=	0	%	EPA 625.1m	-88	-88	22	160	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Bolstar	n/a	=	0	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Bolstar	n/a	=	0.0463	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Bolstar	n/a	=	93	%	EPA 625.1m	-88	-88	27	162	
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-1	Lab	method blank	11/16/2022	Pesticide	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5			
2022/23-1	Lab	LCS	11/16/2022	Pesticide	Bromacil	n/a	=	4.64	µg/L	EPA 525.2	0.07	0.5			
2022/23-1	Lab	LCS, rec	11/16/2022	Pesticide	Bromacil	n/a	=	93	%	EPA 525.2	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS dup	11/16/2022	Pesticide	Bromacil	n/a	=	4.71	µg/L	EPA 525.2	0.07	0.5			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Pesticide	Bromacil	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS, RPD	11/16/2022	Pesticide	Bromacil	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2022/23-1	Lab	method blank	11/16/2022	Pesticide	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2022/23-1	Lab	LCS	11/16/2022	Pesticide	Butachlor	n/a	=	5.38	µg/L	EPA 525.2	0.012	0.1			
2022/23-1	Lab	LCS, rec	11/16/2022	Pesticide	Butachlor	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS dup	11/16/2022	Pesticide	Butachlor	n/a	=	5.3	µg/L	EPA 525.2	0.012	0.1			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Pesticide	Butachlor	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS, RPD	11/16/2022	Pesticide	Butachlor	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2022/23-1	Lab	method blank	11/16/2022	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2022/23-1	Lab	LCS	11/16/2022	Pesticide	Captan	n/a	=	4.91	µg/L	EPA 525.2	0.32	1			
2022/23-1	Lab	LCS, rec	11/16/2022	Pesticide	Captan	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS dup	11/16/2022	Pesticide	Captan	n/a	=	4.98	µg/L	EPA 525.2	0.32	1			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Pesticide	Captan	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS, RPD	11/16/2022	Pesticide	Captan	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2022/23-1	Lab	method blank	11/29/2022	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2022/23-1	Lab	method blank	11/16/2022	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2022/23-1	Lab	LCS	11/16/2022	Pesticide	Chloroprotham	n/a	=	5.3	µg/L	EPA 525.2	0.04	0.1			
2022/23-1	Lab	LCS, rec	11/16/2022	Pesticide	Chloroprotham	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS dup	11/16/2022	Pesticide	Chloroprotham	n/a	=	5.21	µg/L	EPA 525.2	0.04	0.1			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Pesticide	Chloroprotham	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS, RPD	11/16/2022	Pesticide	Chloroprotham	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Chlorpyrifos	n/a	=	0	%	EPA 625.1m	-88	-88	48	151	GB
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Chlorpyrifos	n/a	=	0	%	EPA 625.1m	-88	-88	48	151	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Chlorpyrifos	n/a	=	0	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Chlorpyrifos	n/a	=	0.0507	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Chlorpyrifos	n/a	=	101	%	EPA 625.1m	-88	-88	72	144	
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Coumaphos	n/a	=	0	%	EPA 625.1m	-88	-88	0.1	190	GB
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Coumaphos	n/a	=	0	%	EPA 625.1m	-88	-88	0.1	190	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Coumaphos	n/a	=	0	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Coumaphos	n/a	=	0.0577	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Coumaphos	n/a	=	115	%	EPA 625.1m	-88	-88	10	200	
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-1	000NONPJ	matrix spike	12/4/2022	Pesticide	Dalapon	n/a	=	8.42	µg/L	EPA 515.4	0.11	0.4			
2022/23-1	000NONPJ	matrix spike, rec	12/4/2022	Pesticide	Dalapon	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	12/4/2022	Pesticide	Dalapon	n/a	=	8.54	µg/L	EPA 515.4	0.11	0.4			
2022/23-1	000NONPJ	matrix spike dup, rec	12/4/2022	Pesticide	Dalapon	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	12/4/2022	Pesticide	Dalapon	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2022/23-1	Lab	method blank	12/4/2022	Pesticide	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4			
2022/23-1	Lab	LCS	12/4/2022	Pesticide	Dalapon	n/a	=	9	µg/L	EPA 515.4	0.11	0.4			
2022/23-1	Lab	LCS, rec	12/4/2022	Pesticide	Dalapon	n/a	=	112	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike	12/4/2022	Pesticide	DCPA (Dacthal)	n/a	=	3.97	µg/L	EPA 515.4	0.029	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	000NONPJ	matrix spike, rec	12/4/2022	Pesticide	DCPA (Dacthal)	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	12/4/2022	Pesticide	DCPA (Dacthal)	n/a	=	4.05	µg/L	EPA 515.4	0.029	0.1			
2022/23-1	000NONPJ	matrix spike dup, rec	12/4/2022	Pesticide	DCPA (Dacthal)	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	12/4/2022	Pesticide	DCPA (Dacthal)	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2022/23-1	Lab	method blank	12/4/2022	Pesticide	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1			
2022/23-1	Lab	LCS	12/4/2022	Pesticide	DCPA (Dacthal)	n/a	=	4.12	µg/L	EPA 515.4	0.029	0.1			
2022/23-1	Lab	LCS, rec	12/4/2022	Pesticide	DCPA (Dacthal)	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-1	Lab	method blank	11/29/2022	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2022/23-1	Lab	LCS	11/29/2022	Pesticide	delta-BHC	n/a	=	0.103	µg/L	EPA 608.3	0.0019	0.005			
2022/23-1	Lab	LCS, rec	11/29/2022	Pesticide	delta-BHC	n/a	=	103	%	EPA 608.3	-88	-88	51	130	
2022/23-1	Lab	LCS dup	11/29/2022	Pesticide	delta-BHC	n/a	=	0.114	µg/L	EPA 608.3	0.0019	0.005			
2022/23-1	Lab	LCS dup, rec	11/29/2022	Pesticide	delta-BHC	n/a	=	114	%	EPA 608.3	-88	-88	51	130	
2022/23-1	Lab	LCS, RPD	11/29/2022	Pesticide	delta-BHC	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Demeton-O	n/a	=	0	%	EPA 625.1m	-88	-88	63	151	GB
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Demeton-O	n/a	=	0	%	EPA 625.1m	-88	-88	63	151	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Demeton-O	n/a	=	0	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Demeton-O	n/a	DNQ	0.0084	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Demeton-O	n/a	=	67	%	EPA 625.1m	-88	-88	23	121	
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Demeton-S	n/a	=	0	%	EPA 625.1m	-88	-88	0.1	204	GB
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Demeton-S	n/a	=	0	%	EPA 625.1m	-88	-88	0.1	204	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Demeton-S	n/a	=	0	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Demeton-S	n/a	=	0.0225	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Demeton-S	n/a	=	60	%	EPA 625.1m	-88	-88	53	147	
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Diazinon	n/a	=	0	%	EPA 625.1m	-88	-88	46	139	GB
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Diazinon	n/a	=	0	%	EPA 625.1m	-88	-88	46	139	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Diazinon	n/a	=	0	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-1	Lab	method blank	11/16/2022	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2022/23-1	Lab	LCS	11/16/2022	Pesticide	Diazinon	n/a	=	4.62	µg/L	EPA 525.2	0.022	0.1			
2022/23-1	Lab	LCS, rec	11/16/2022	Pesticide	Diazinon	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2022/23-1	Lab	LCS dup	11/16/2022	Pesticide	Diazinon	n/a	=	4.57	µg/L	EPA 525.2	0.022	0.1			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Pesticide	Diazinon	n/a	=	91	%	EPA 525.2	-88	-88	50	120	
2022/23-1	Lab	LCS, RPD	11/16/2022	Pesticide	Diazinon	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Diazinon	n/a	=	0.0199	µg/L	EPA 625.1m	0.001	0.01			EUM
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Diazinon	n/a	=	40	%	EPA 625.1m	-88	-88	75	150	EUM
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01			
2022/23-1	000NONPJ	matrix spike	12/4/2022	Pesticide	Dicamba	n/a	=	7.99	µg/L	EPA 515.4	0.049	0.6			
2022/23-1	000NONPJ	matrix spike, rec	12/4/2022	Pesticide	Dicamba	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	12/4/2022	Pesticide	Dicamba	n/a	=	8.03	µg/L	EPA 515.4	0.049	0.6			
2022/23-1	000NONPJ	matrix spike dup, rec	12/4/2022	Pesticide	Dicamba	n/a	=	100	%	EPA 515.4	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	000NONPJ	matrix spike, RPD	12/4/2022	Pesticide	Dicamba	n/a	=	0.4	%	EPA 515.4	-88	-88	0	30	
2022/23-1	Lab	method blank	12/4/2022	Pesticide	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6			
2022/23-1	Lab	LCS	12/4/2022	Pesticide	Dicamba	n/a	=	8.12	µg/L	EPA 515.4	0.049	0.6			
2022/23-1	Lab	LCS, rec	12/4/2022	Pesticide	Dicamba	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike	12/4/2022	Pesticide	Dichlorprop	n/a	=	8.26	µg/L	EPA 515.4	0.12	0.3			
2022/23-1	000NONPJ	matrix spike, rec	12/4/2022	Pesticide	Dichlorprop	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	12/4/2022	Pesticide	Dichlorprop	n/a	=	8.38	µg/L	EPA 515.4	0.12	0.3			
2022/23-1	000NONPJ	matrix spike dup, rec	12/4/2022	Pesticide	Dichlorprop	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	12/4/2022	Pesticide	Dichlorprop	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2022/23-1	Lab	method blank	12/4/2022	Pesticide	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3			
2022/23-1	Lab	LCS	12/4/2022	Pesticide	Dichlorprop	n/a	=	8.47	µg/L	EPA 515.4	0.12	0.3			
2022/23-1	Lab	LCS, rec	12/4/2022	Pesticide	Dichlorprop	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Dichlorvos	n/a	=	0.141	µg/L	EPA 625.1m	0.0009	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Dichlorvos	n/a	=	281	%	EPA 625.1m	-88	-88	52	132	GB
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Dichlorvos	n/a	=	0.163	µg/L	EPA 625.1m	0.0009	0.01			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Dichlorvos	n/a	=	326	%	EPA 625.1m	-88	-88	52	132	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Dichlorvos	n/a	=	15	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Dichlorvos	n/a	=	0.0439	µg/L	EPA 625.1m	0.0009	0.01			
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Dichlorvos	n/a	=	88	%	EPA 625.1m	-88	-88	39	118	
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	0.01			
2022/23-1	Lab	method blank	11/29/2022	Pesticide	Dieldrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2022/23-1	Lab	LCS	11/29/2022	Pesticide	Dieldrin	n/a	=	0.0818	µg/L	EPA 608.3	0.0017	0.01			
2022/23-1	Lab	LCS, rec	11/29/2022	Pesticide	Dieldrin	n/a	=	82	%	EPA 608.3	-88	-88	58	130	
2022/23-1	Lab	LCS dup	11/29/2022	Pesticide	Dieldrin	n/a	=	0.087	µg/L	EPA 608.3	0.0017	0.01			
2022/23-1	Lab	LCS dup, rec	11/29/2022	Pesticide	Dieldrin	n/a	=	87	%	EPA 608.3	-88	-88	58	130	
2022/23-1	Lab	LCS, RPD	11/29/2022	Pesticide	Dieldrin	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Dimethoate	n/a	=	0	%	EPA 625.1m	-88	-88	0.1	208	GB
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Dimethoate	n/a	=	0	%	EPA 625.1m	-88	-88	0.1	208	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Dimethoate	n/a	=	0	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-1	Lab	method blank	11/16/2022	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2022/23-1	Lab	LCS	11/16/2022	Pesticide	Dimethoate	n/a	=	3.46	µg/L	EPA 525.2	0.02	0.2			
2022/23-1	Lab	LCS, rec	11/16/2022	Pesticide	Dimethoate	n/a	=	69	%	EPA 525.2	-88	-88	50	120	
2022/23-1	Lab	LCS dup	11/16/2022	Pesticide	Dimethoate	n/a	=	3.44	µg/L	EPA 525.2	0.02	0.2			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Pesticide	Dimethoate	n/a	=	69	%	EPA 525.2	-88	-88	50	120	
2022/23-1	Lab	LCS, RPD	11/16/2022	Pesticide	Dimethoate	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Dimethoate	n/a	=	0.0291	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Dimethoate	n/a	=	58	%	EPA 625.1m	-88	-88	10	200	
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Dimethoate	n/a	DNQ	0.0032	µg/L	EPA 625.1m	0.0027	0.01			IP
2022/23-1	000NONPJ	matrix spike	12/4/2022	Pesticide	Dinoseb	n/a	=	4.07	µg/L	EPA 515.4	0.033	0.4			
2022/23-1	000NONPJ	matrix spike, rec	12/4/2022	Pesticide	Dinoseb	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	12/4/2022	Pesticide	Dinoseb	n/a	=	4.12	µg/L	EPA 515.4	0.033	0.4			
2022/23-1	000NONPJ	matrix spike dup, rec	12/4/2022	Pesticide	Dinoseb	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	12/4/2022	Pesticide	Dinoseb	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2022/23-1	Lab	method blank	12/4/2022	Pesticide	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4			
2022/23-1	Lab	LCS	12/4/2022	Pesticide	Dinoseb	n/a	=	4.23	µg/L	EPA 515.4	0.033	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	
2022/23-1	Lab	LCS, rec	12/4/2022	Pesticide	Dinoseb	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2022/23-1	Lab	method blank	11/16/2022	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-1	Lab	LCS	11/16/2022	Pesticide	Diphenamid	n/a	=	5.35	µg/L	EPA 525.2	0.03	0.1			
2022/23-1	Lab	LCS, rec	11/16/2022	Pesticide	Diphenamid	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS dup	11/16/2022	Pesticide	Diphenamid	n/a	=	5.33	µg/L	EPA 525.2	0.03	0.1			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Pesticide	Diphenamid	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS, RPD	11/16/2022	Pesticide	Diphenamid	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Disulfoton	n/a	=	0	%	EPA 625.1m	-88	-88	33	172	GB
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Disulfoton	n/a	=	0	%	EPA 625.1m	-88	-88	33	172	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Disulfoton	n/a	=	0	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-1	Lab	method blank	11/16/2022	Pesticide	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2022/23-1	Lab	LCS	11/16/2022	Pesticide	Disulfoton	n/a	=	4.29	µg/L	EPA 525.2	0.015	0.1			
2022/23-1	Lab	LCS, rec	11/16/2022	Pesticide	Disulfoton	n/a	=	86	%	EPA 525.2	-88	-88	50	120	
2022/23-1	Lab	LCS dup	11/16/2022	Pesticide	Disulfoton	n/a	=	4.17	µg/L	EPA 525.2	0.015	0.1			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Pesticide	Disulfoton	n/a	=	83	%	EPA 525.2	-88	-88	50	120	
2022/23-1	Lab	LCS, RPD	11/16/2022	Pesticide	Disulfoton	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Disulfoton	n/a	=	0.0381	µg/L	EPA 625.1m	0.0017	0.01			
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Disulfoton	n/a	=	76	%	EPA 625.1m	-88	-88	65	121	
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01			
2022/23-1	Lab	method blank	11/29/2022	Pesticide	Endosulfan I	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.02			
2022/23-1	Lab	LCS	11/29/2022	Pesticide	Endosulfan I	n/a	=	0.09	µg/L	EPA 608.3	0.0019	0.02			
2022/23-1	Lab	LCS, rec	11/29/2022	Pesticide	Endosulfan I	n/a	=	90	%	EPA 608.3	-88	-88	57	141	
2022/23-1	Lab	LCS dup	11/29/2022	Pesticide	Endosulfan I	n/a	=	0.0964	µg/L	EPA 608.3	0.0019	0.02			
2022/23-1	Lab	LCS dup, rec	11/29/2022	Pesticide	Endosulfan I	n/a	=	96	%	EPA 608.3	-88	-88	57	141	
2022/23-1	Lab	LCS, RPD	11/29/2022	Pesticide	Endosulfan I	n/a	=	7	%	EPA 608.3	-88	-88	0	30	
2022/23-1	Lab	method blank	11/29/2022	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2022/23-1	Lab	LCS	11/29/2022	Pesticide	Endosulfan II	n/a	=	0.0976	µg/L	EPA 608.3	0.0019	0.01			
2022/23-1	Lab	LCS, rec	11/29/2022	Pesticide	Endosulfan II	n/a	=	98	%	EPA 608.3	-88	-88	22	171	
2022/23-1	Lab	LCS dup	11/29/2022	Pesticide	Endosulfan II	n/a	=	0.11	µg/L	EPA 608.3	0.0019	0.01			
2022/23-1	Lab	LCS dup, rec	11/29/2022	Pesticide	Endosulfan II	n/a	=	110	%	EPA 608.3	-88	-88	22	171	
2022/23-1	Lab	LCS, RPD	11/29/2022	Pesticide	Endosulfan II	n/a	=	12	%	EPA 608.3	-88	-88	0	30	
2022/23-1	Lab	method blank	11/29/2022	Pesticide	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05			
2022/23-1	Lab	LCS	11/29/2022	Pesticide	Endosulfan sulfate	n/a	=	0.0958	µg/L	EPA 608.3	0.0013	0.05			
2022/23-1	Lab	LCS, rec	11/29/2022	Pesticide	Endosulfan sulfate	n/a	=	96	%	EPA 608.3	-88	-88	38	132	
2022/23-1	Lab	LCS dup	11/29/2022	Pesticide	Endosulfan sulfate	n/a	=	0.113	µg/L	EPA 608.3	0.0013	0.05			
2022/23-1	Lab	LCS dup, rec	11/29/2022	Pesticide	Endosulfan sulfate	n/a	=	113	%	EPA 608.3	-88	-88	38	132	
2022/23-1	Lab	LCS, RPD	11/29/2022	Pesticide	Endosulfan sulfate	n/a	=	16	%	EPA 608.3	-88	-88	0	30	
2022/23-1	Lab	method blank	11/29/2022	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2022/23-1	Lab	LCS	11/29/2022	Pesticide	Endrin	n/a	=	0.087	µg/L	EPA 608.3	0.0017	0.01			
2022/23-1	Lab	LCS, rec	11/29/2022	Pesticide	Endrin	n/a	=	87	%	EPA 608.3	-88	-88	51	130	
2022/23-1	Lab	LCS dup	11/29/2022	Pesticide	Endrin	n/a	=	0.0976	µg/L	EPA 608.3	0.0017	0.01			
2022/23-1	Lab	LCS dup, rec	11/29/2022	Pesticide	Endrin	n/a	=	98	%	EPA 608.3	-88	-88	51	130	
2022/23-1	Lab	LCS, RPD	11/29/2022	Pesticide	Endrin	n/a	=	11	%	EPA 608.3	-88	-88	0	30	
2022/23-1	Lab	method blank	11/29/2022	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2022/23-1	Lab	LCS	11/29/2022	Pesticide	Endrin aldehyde	n/a	=	0.08	µg/L	EPA 608.3	0.0019	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS, rec	11/29/2022	Pesticide	Endrin aldehyde	n/a	=	80	%	EPA 608.3	-88	-88	18	130	
2022/23-1	Lab	LCS dup	11/29/2022	Pesticide	Endrin aldehyde	n/a	=	0.0911	µg/L	EPA 608.3	0.0019	0.01			
2022/23-1	Lab	LCS dup, rec	11/29/2022	Pesticide	Endrin aldehyde	n/a	=	91	%	EPA 608.3	-88	-88	18	130	
2022/23-1	Lab	LCS, RPD	11/29/2022	Pesticide	Endrin aldehyde	n/a	=	13	%	EPA 608.3	-88	-88	0	30	
2022/23-1	Lab	method blank	11/29/2022	Pesticide	Endrin ketone	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05			
2022/23-1	Lab	method blank	11/16/2022	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-1	Lab	LCS	11/16/2022	Pesticide	EPTC	n/a	=	5.45	µg/L	EPA 525.2	0.02	0.1			
2022/23-1	Lab	LCS, rec	11/16/2022	Pesticide	EPTC	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS dup	11/16/2022	Pesticide	EPTC	n/a	=	5.35	µg/L	EPA 525.2	0.02	0.1			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Pesticide	EPTC	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS, RPD	11/16/2022	Pesticide	EPTC	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Ethoprop	n/a	=	0	%	EPA 625.1m	-88	-88	50	150	GB
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Ethoprop	n/a	=	0	%	EPA 625.1m	-88	-88	50	150	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Ethoprop	n/a	=	0	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Ethoprop	n/a	=	0.036	µg/L	EPA 625.1m	0.0006	0.01			EUM
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Ethoprop	n/a	=	72	%	EPA 625.1m	-88	-88	76	165	EUM
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01			
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Ethyl parathion	n/a	=	0	%	EPA 625.1m	-88	-88	26	201	GB
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Ethyl parathion	n/a	=	0	%	EPA 625.1m	-88	-88	26	201	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Ethyl parathion	n/a	=	0	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Ethyl parathion	n/a	=	0.0645	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Ethyl parathion	n/a	=	129	%	EPA 625.1m	-88	-88	61	139	
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Fensulfothion	n/a	=	0	%	EPA 625.1m	-88	-88	0.1	231	GB
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Fensulfothion	n/a	=	0	%	EPA 625.1m	-88	-88	0.1	231	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Fensulfothion	n/a	=	0	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Fensulfothion	n/a	=	0.0342	µg/L	EPA 625.1m	0.0029	0.01			
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Fensulfothion	n/a	=	68	%	EPA 625.1m	-88	-88	10	200	
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Fensulfothion	n/a	DNQ	0.003	µg/L	EPA 625.1m	0.0029	0.01			IP
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Fenthion	n/a	=	0	%	EPA 625.1m	-88	-88	27	164	GB
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Fenthion	n/a	=	0	%	EPA 625.1m	-88	-88	27	164	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Fenthion	n/a	=	0	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Fenthion	n/a	=	0.0428	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Fenthion	n/a	=	86	%	EPA 625.1m	-88	-88	77	165	
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-1	Lab	method blank	11/29/2022	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.02			
2022/23-1	Lab	LCS	11/29/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0809	µg/L	EPA 608.3	0.0015	0.02			
2022/23-1	Lab	LCS, rec	11/29/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	81	%	EPA 608.3	-88	-88	43	130	
2022/23-1	Lab	LCS dup	11/29/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0908	µg/L	EPA 608.3	0.0015	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	
2022/23-1	Lab	LCS dup, rec	11/29/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	91	%	EPA 608.3	-88	-88	43	130	
2022/23-1	Lab	LCS, RPD	11/29/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	12	%	EPA 608.3	-88	-88	0	30	
2022/23-1	Lab	method blank	11/29/2022	Pesticide	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2022/23-1	000NONPJ	matrix spike	11/21/2022	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			GB
2022/23-1	000NONPJ	matrix spike, rec	11/21/2022	Pesticide	Glyphosate	n/a	=	0	%	EPA 547	-88	-88	41	149	GB
2022/23-1	000NONPJ	matrix spike dup	11/21/2022	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/21/2022	Pesticide	Glyphosate	n/a	=	0	%	EPA 547	-88	-88	41	149	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/21/2022	Pesticide	Glyphosate	n/a	=	0	%	EPA 547	-88	-88	0	30	GB
2022/23-1	000NONPJ	matrix spike	11/21/2022	Pesticide	Glyphosate	n/a	=	26.9	µg/L	EPA 547	1.8	5			
2022/23-1	000NONPJ	matrix spike, rec	11/21/2022	Pesticide	Glyphosate	n/a	=	108	%	EPA 547	-88	-88	41	149	
2022/23-1	000NONPJ	matrix spike dup	11/21/2022	Pesticide	Glyphosate	n/a	=	26.9	µg/L	EPA 547	1.8	5			
2022/23-1	000NONPJ	matrix spike dup, rec	11/21/2022	Pesticide	Glyphosate	n/a	=	108	%	EPA 547	-88	-88	41	149	
2022/23-1	000NONPJ	matrix spike, RPD	11/21/2022	Pesticide	Glyphosate	n/a	=	0.1	%	EPA 547	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/21/2022	Pesticide	Glyphosate	n/a	=	35.4	µg/L	EPA 547	1.8	5			
2022/23-1	000NONPJ	matrix spike, rec	11/21/2022	Pesticide	Glyphosate	n/a	=	109	%	EPA 547	-88	-88	41	149	
2022/23-1	000NONPJ	matrix spike dup	11/21/2022	Pesticide	Glyphosate	n/a	=	35.3	µg/L	EPA 547	1.8	5			
2022/23-1	000NONPJ	matrix spike dup, rec	11/21/2022	Pesticide	Glyphosate	n/a	=	108	%	EPA 547	-88	-88	41	149	
2022/23-1	000NONPJ	matrix spike, RPD	11/21/2022	Pesticide	Glyphosate	n/a	=	0.4	%	EPA 547	-88	-88	0	30	
2022/23-1	Lab	method blank	11/21/2022	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2022/23-1	Lab	LCS	11/21/2022	Pesticide	Glyphosate	n/a	=	27.4	µg/L	EPA 547	1.8	5			
2022/23-1	Lab	LCS, rec	11/21/2022	Pesticide	Glyphosate	n/a	=	109	%	EPA 547	-88	-88	70	130	
2022/23-1	Lab	method blank	11/21/2022	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2022/23-1	Lab	LCS	11/21/2022	Pesticide	Glyphosate	n/a	=	30	µg/L	EPA 547	1.8	5			
2022/23-1	Lab	LCS, rec	11/21/2022	Pesticide	Glyphosate	n/a	=	120	%	EPA 547	-88	-88	70	130	
2022/23-1	ME-CC	matrix spike	11/21/2022	Pesticide	Glyphosate	n/a	=	53.6	µg/L	EPA 547	1.8	5			
2022/23-1	ME-CC	matrix spike, rec	11/21/2022	Pesticide	Glyphosate	n/a	=	96	%	EPA 547	-88	-88	41	149	
2022/23-1	ME-CC	matrix spike dup	11/21/2022	Pesticide	Glyphosate	n/a	=	48.5	µg/L	EPA 547	1.8	5			
2022/23-1	ME-CC	matrix spike dup, rec	11/21/2022	Pesticide	Glyphosate	n/a	=	75	%	EPA 547	-88	-88	41	149	
2022/23-1	ME-CC	matrix spike, RPD	11/21/2022	Pesticide	Glyphosate	n/a	=	10	%	EPA 547	-88	-88	0	30	
2022/23-1	Lab	method blank	11/29/2022	Pesticide	Heptachlor	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2022/23-1	Lab	LCS	11/29/2022	Pesticide	Heptachlor	n/a	=	0.0742	µg/L	EPA 608.3	0.0023	0.01			
2022/23-1	Lab	LCS, rec	11/29/2022	Pesticide	Heptachlor	n/a	=	74	%	EPA 608.3	-88	-88	43	130	
2022/23-1	Lab	LCS dup	11/29/2022	Pesticide	Heptachlor	n/a	=	0.0854	µg/L	EPA 608.3	0.0023	0.01			
2022/23-1	Lab	LCS dup, rec	11/29/2022	Pesticide	Heptachlor	n/a	=	85	%	EPA 608.3	-88	-88	43	130	
2022/23-1	Lab	LCS, RPD	11/29/2022	Pesticide	Heptachlor	n/a	=	14	%	EPA 608.3	-88	-88	0	30	
2022/23-1	Lab	method blank	11/29/2022	Pesticide	Heptachlor epoxide	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.01			
2022/23-1	Lab	LCS	11/29/2022	Pesticide	Heptachlor epoxide	n/a	=	0.0864	µg/L	EPA 608.3	0.0018	0.01			
2022/23-1	Lab	LCS, rec	11/29/2022	Pesticide	Heptachlor epoxide	n/a	=	86	%	EPA 608.3	-88	-88	57	132	
2022/23-1	Lab	LCS dup	11/29/2022	Pesticide	Heptachlor epoxide	n/a	=	0.0915	µg/L	EPA 608.3	0.0018	0.01			
2022/23-1	Lab	LCS dup, rec	11/29/2022	Pesticide	Heptachlor epoxide	n/a	=	92	%	EPA 608.3	-88	-88	57	132	
2022/23-1	Lab	LCS, RPD	11/29/2022	Pesticide	Heptachlor epoxide	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Malathion	n/a	=	0	%	EPA 625.1m	-88	-88	15	161	GB
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Malathion	n/a	=	0	%	EPA 625.1m	-88	-88	15	161	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Malathion	n/a	=	0	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Malathion	n/a	=	0.0538	µg/L	EPA 625.1m	0.0021	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Malathion	n/a	=	108	%	EPA 625.1m	-88	-88	59	200	
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Merphos	n/a	=	0	%	EPA 625.1m	-88	-88	4	191	GB
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Merphos	n/a	=	0	%	EPA 625.1m	-88	-88	4	191	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Merphos	n/a	=	0	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Merphos	n/a	=	0.0497	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Merphos	n/a	=	99	%	EPA 625.1m	-88	-88	32	200	
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Methyl parathion	n/a	=	0	%	EPA 625.1m	-88	-88	10	213	GB
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Methyl parathion	n/a	=	0	%	EPA 625.1m	-88	-88	10	213	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Methyl parathion	n/a	=	0	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Methyl parathion	n/a	=	0.0506	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Methyl parathion	n/a	=	101	%	EPA 625.1m	-88	-88	64	154	
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-1	Lab	method blank	11/16/2022	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-1	Lab	LCS	11/16/2022	Pesticide	Metolachlor	n/a	=	5.15	µg/L	EPA 525.2	0.03	0.1			
2022/23-1	Lab	LCS, rec	11/16/2022	Pesticide	Metolachlor	n/a	=	103	%	EPA 525.2	-88	-88	60	130	
2022/23-1	Lab	LCS dup	11/16/2022	Pesticide	Metolachlor	n/a	=	5.04	µg/L	EPA 525.2	0.03	0.1			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Pesticide	Metolachlor	n/a	=	101	%	EPA 525.2	-88	-88	60	130	
2022/23-1	Lab	LCS, RPD	11/16/2022	Pesticide	Metolachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-1	Lab	method blank	11/16/2022	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-1	Lab	LCS	11/16/2022	Pesticide	Metribuzin	n/a	=	4.7	µg/L	EPA 525.2	0.03	0.1			
2022/23-1	Lab	LCS, rec	11/16/2022	Pesticide	Metribuzin	n/a	=	94	%	EPA 525.2	-88	-88	50	120	
2022/23-1	Lab	LCS dup	11/16/2022	Pesticide	Metribuzin	n/a	=	4.92	µg/L	EPA 525.2	0.03	0.1			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Pesticide	Metribuzin	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2022/23-1	Lab	LCS, RPD	11/16/2022	Pesticide	Metribuzin	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Mevinphos	n/a	DNQ	0.0033	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Mevinphos	n/a	=	7	%	EPA 625.1m	-88	-88	0.1	204	
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Mevinphos	n/a	DNQ	0.0054	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Mevinphos	n/a	=	11	%	EPA 625.1m	-88	-88	0.1	204	
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Mevinphos	n/a	=	46	%	EPA 625.1m	-88	-88	0	30	
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Mevinphos	n/a	=	0.0278	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Mevinphos	n/a	=	56	%	EPA 625.1m	-88	-88	26	177	
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-1	Lab	method blank	11/16/2022	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-1	Lab	LCS	11/16/2022	Pesticide	Molinate	n/a	=	4.6	µg/L	EPA 525.2	0.03	0.1			
2022/23-1	Lab	LCS, rec	11/16/2022	Pesticide	Molinate	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS dup	11/16/2022	Pesticide	Molinate	n/a	=	4.7	µg/L	EPA 525.2	0.03	0.1			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Pesticide	Molinate	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS, RPD	11/16/2022	Pesticide	Molinate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Naled	n/a	=	0.0783	µg/L	EPA 625.1m	0.0007	0.01			
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Naled	n/a	=	157	%	EPA 625.1m	-88	-88	0.1	206	
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Naled	n/a	=	0.0995	µg/L	EPA 625.1m	0.0007	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Naled	n/a	=	199	%	EPA 625.1m	-88	-88	0.1	206	
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Naled	n/a	=	24	%	EPA 625.1m	-88	-88	0	30	
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Naled	n/a	=	0.044	µg/L	EPA 625.1m	0.0007	0.01			
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Naled	n/a	=	88	%	EPA 625.1m	-88	-88	10	200	
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01			
2022/23-1	000NONPJ	matrix spike	12/4/2022	Pesticide	Pentachlorophenol	n/a	=	3.62	µg/L	EPA 515.4	0.046	0.2			
2022/23-1	000NONPJ	matrix spike, rec	12/4/2022	Pesticide	Pentachlorophenol	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	12/4/2022	Pesticide	Pentachlorophenol	n/a	=	3.74	µg/L	EPA 515.4	0.046	0.2			
2022/23-1	000NONPJ	matrix spike dup, rec	12/4/2022	Pesticide	Pentachlorophenol	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	12/4/2022	Pesticide	Pentachlorophenol	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2022/23-1	Lab	method blank	12/4/2022	Pesticide	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2022/23-1	Lab	LCS	12/4/2022	Pesticide	Pentachlorophenol	n/a	=	4	µg/L	EPA 515.4	0.046	0.2			
2022/23-1	Lab	LCS, rec	12/4/2022	Pesticide	Pentachlorophenol	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-1	Lab	method blank	12/10/2022	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2022/23-1	Lab	LCS	12/10/2022	Pesticide	Pentachlorophenol	n/a	=	19.9	µg/L	EPA 8270C	0.15	1			
2022/23-1	Lab	LCS, rec	12/10/2022	Pesticide	Pentachlorophenol	n/a	=	99	%	EPA 8270C	-88	-88	29	106	
2022/23-1	Lab	LCS dup	12/10/2022	Pesticide	Pentachlorophenol	n/a	=	18.4	µg/L	EPA 8270C	0.15	1			
2022/23-1	Lab	LCS dup, rec	12/10/2022	Pesticide	Pentachlorophenol	n/a	=	92	%	EPA 8270C	-88	-88	29	106	
2022/23-1	Lab	LCS, RPD	12/10/2022	Pesticide	Pentachlorophenol	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2022/23-1	Lab	LCS dup	12/12/2022	Pesticide	Pentachlorophenol	n/a	=	18.3	µg/L	EPA 625.1	0.4	1			
2022/23-1	Lab	LCS dup, rec	12/12/2022	Pesticide	Pentachlorophenol	n/a	=	91	%	EPA 625.1	-88	-88	41	120	
2022/23-1	Lab	LCS, RPD	12/12/2022	Pesticide	Pentachlorophenol	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-1	Lab	LCS	12/13/2022	Pesticide	Pentachlorophenol	n/a	=	19.7	µg/L	EPA 625.1	0.4	1			
2022/23-1	Lab	LCS, rec	12/13/2022	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 625.1	-88	-88	41	120	
2022/23-1	Lab	method blank	12/13/2022	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Phorate	n/a	=	0	%	EPA 625.1m	-88	-88	33	172	GB
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Phorate	n/a	=	0	%	EPA 625.1m	-88	-88	33	172	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Phorate	n/a	=	0	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Phorate	n/a	=	0.0429	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Phorate	n/a	=	86	%	EPA 625.1m	-88	-88	61	135	
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-1	000NONPJ	matrix spike	12/4/2022	Pesticide	Picloram	n/a	=	4.17	µg/L	EPA 515.4	0.05	0.6			
2022/23-1	000NONPJ	matrix spike, rec	12/4/2022	Pesticide	Picloram	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike dup	12/4/2022	Pesticide	Picloram	n/a	=	4.25	µg/L	EPA 515.4	0.05	0.6			
2022/23-1	000NONPJ	matrix spike dup, rec	12/4/2022	Pesticide	Picloram	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2022/23-1	000NONPJ	matrix spike, RPD	12/4/2022	Pesticide	Picloram	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2022/23-1	Lab	method blank	12/4/2022	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6			
2022/23-1	Lab	LCS	12/4/2022	Pesticide	Picloram	n/a	=	4.45	µg/L	EPA 515.4	0.05	0.6			
2022/23-1	Lab	LCS, rec	12/4/2022	Pesticide	Picloram	n/a	=	111	%	EPA 515.4	-88	-88	70	130	
2022/23-1	Lab	method blank	11/16/2022	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-1	Lab	LCS	11/16/2022	Pesticide	Prometryn	n/a	=	2.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-1	Lab	LCS, rec	11/16/2022	Pesticide	Prometryn	n/a	=	41	%	EPA 525.2	-88	-88	30	120	
2022/23-1	Lab	LCS dup	11/16/2022	Pesticide	Prometryn	n/a	=	1.86	µg/L	EPA 525.2	0.03	0.1			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Pesticide	Prometryn	n/a	=	37	%	EPA 525.2	-88	-88	30	120	
2022/23-1	Lab	LCS, RPD	11/16/2022	Pesticide	Prometryn	n/a	=	9	%	EPA 525.2	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	0	%	EPA 625.1m	-88	-88	36	145	GB
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	0	%	EPA 625.1m	-88	-88	36	145	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	0	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.046	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	92	%	EPA 625.1m	-88	-88	63	129	
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-1	Lab	method blank	11/16/2022	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-1	Lab	LCS	11/16/2022	Pesticide	Simazine	n/a	=	4.18	µg/L	EPA 525.2	0.02	0.1			
2022/23-1	Lab	LCS, rec	11/16/2022	Pesticide	Simazine	n/a	=	84	%	EPA 525.2	-88	-88	60	130	
2022/23-1	Lab	LCS dup	11/16/2022	Pesticide	Simazine	n/a	=	3.92	µg/L	EPA 525.2	0.02	0.1			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Pesticide	Simazine	n/a	=	78	%	EPA 525.2	-88	-88	60	130	
2022/23-1	Lab	LCS, RPD	11/16/2022	Pesticide	Simazine	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.17	µg/L	EPA 625.1m	0.0024	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	340	%	EPA 625.1m	-88	-88	0.1	158	GB
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.169	µg/L	EPA 625.1m	0.0024	0.01			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	339	%	EPA 625.1m	-88	-88	0.1	158	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.4	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0517	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	103	%	EPA 625.1m	-88	-88	71	184	
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-1	Lab	method blank	11/16/2022	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2022/23-1	Lab	LCS	11/16/2022	Pesticide	Terbacil	n/a	=	4.28	µg/L	EPA 525.2	0.09	2			
2022/23-1	Lab	LCS, rec	11/16/2022	Pesticide	Terbacil	n/a	=	86	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS dup	11/16/2022	Pesticide	Terbacil	n/a	=	4.19	µg/L	EPA 525.2	0.09	2			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Pesticide	Terbacil	n/a	=	84	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS, RPD	11/16/2022	Pesticide	Terbacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-1	Lab	method blank	11/16/2022	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-1	Lab	LCS	11/16/2022	Pesticide	Thiobencarb	n/a	=	4.58	µg/L	EPA 525.2	0.03	0.1			
2022/23-1	Lab	LCS, rec	11/16/2022	Pesticide	Thiobencarb	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS dup	11/16/2022	Pesticide	Thiobencarb	n/a	=	4.29	µg/L	EPA 525.2	0.03	0.1			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Pesticide	Thiobencarb	n/a	=	86	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS, RPD	11/16/2022	Pesticide	Thiobencarb	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Tokuthion	n/a	=	0	%	EPA 625.1m	-88	-88	35	145	GB
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Tokuthion	n/a	=	0	%	EPA 625.1m	-88	-88	35	145	GB
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Tokuthion	n/a	=	0	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Tokuthion	n/a	=	0.0523	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Tokuthion	n/a	=	105	%	EPA 625.1m	-88	-88	69	149	
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-1	Lab	method blank	11/29/2022	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2022/23-1	000NONPJ	matrix spike	11/19/2022	Pesticide	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01			GB
2022/23-1	000NONPJ	matrix spike, rec	11/19/2022	Pesticide	Trichloronate	n/a	=	0	%	EPA 625.1m	-88	-88	52	133	GB
2022/23-1	000NONPJ	matrix spike dup	11/19/2022	Pesticide	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01			GB
2022/23-1	000NONPJ	matrix spike dup, rec	11/19/2022	Pesticide	Trichloronate	n/a	=	0	%	EPA 625.1m	-88	-88	52	133	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	
2022/23-1	000NONPJ	matrix spike, RPD	11/19/2022	Pesticide	Trichloronate	n/a	=	0	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-1	Lab	LCS	11/18/2022	Pesticide	Trichloronate	n/a	=	0.0516	µg/L	EPA 625.1m	0.0016	0.01			
2022/23-1	Lab	LCS, rec	11/18/2022	Pesticide	Trichloronate	n/a	=	103	%	EPA 625.1m	-88	-88	67	134	
2022/23-1	Lab	method blank	11/18/2022	Pesticide	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01			
2022/23-1	Lab	method blank	11/16/2022	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-1	Lab	LCS	11/16/2022	Pesticide	Trithion	n/a	=	4.14	µg/L	EPA 525.2	0.02	0.1			
2022/23-1	Lab	LCS, rec	11/16/2022	Pesticide	Trithion	n/a	=	83	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS dup	11/16/2022	Pesticide	Trithion	n/a	=	4.01	µg/L	EPA 525.2	0.02	0.1			
2022/23-1	Lab	LCS dup, rec	11/16/2022	Pesticide	Trithion	n/a	=	80	%	EPA 525.2	-88	-88	70	130	
2022/23-1	Lab	LCS, RPD	11/16/2022	Pesticide	Trithion	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/15/2022	Anion	Chloride	n/a	=	229	mg/L	EPA 300.0	1.9	5			
2022/23-2	000NONPJ	matrix spike, rec	12/15/2022	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	76	118	
2022/23-2	000NONPJ	matrix spike dup	12/15/2022	Anion	Chloride	n/a	=	228	mg/L	EPA 300.0	1.9	5			
2022/23-2	000NONPJ	matrix spike dup, rec	12/15/2022	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	76	118	
2022/23-2	000NONPJ	matrix spike, RPD	12/15/2022	Anion	Chloride	n/a	=	0.4	%	EPA 300.0	-88	-88	0	20	
2022/23-2	000NONPJ	matrix spike	12/15/2022	Anion	Chloride	n/a	=	245	mg/L	EPA 300.0	1.9	5			
2022/23-2	000NONPJ	matrix spike, rec	12/15/2022	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	76	118	
2022/23-2	000NONPJ	matrix spike dup	12/15/2022	Anion	Chloride	n/a	=	246	mg/L	EPA 300.0	1.9	5			
2022/23-2	000NONPJ	matrix spike dup, rec	12/15/2022	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	76	118	
2022/23-2	000NONPJ	matrix spike, RPD	12/15/2022	Anion	Chloride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	
2022/23-2	Lab	method blank	12/14/2022	Anion	Chloride	n/a	<	0.19	mg/L	EPA 300.0	0.19	0.5			
2022/23-2	Lab	LCS	12/14/2022	Anion	Chloride	n/a	=	20.4	mg/L	EPA 300.0	0.19	0.5			
2022/23-2	Lab	LCS, rec	12/14/2022	Anion	Chloride	n/a	=	102	%	EPA 300.0	-88	-88	90	110	
2022/23-2	000NONPJ	matrix spike	12/15/2022	Anion	Fluoride	n/a	=	19.3	mg/L	EPA 300.0	0.09	1			
2022/23-2	000NONPJ	matrix spike, rec	12/15/2022	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	86	107	
2022/23-2	000NONPJ	matrix spike dup	12/15/2022	Anion	Fluoride	n/a	=	19.3	mg/L	EPA 300.0	0.09	1			
2022/23-2	000NONPJ	matrix spike dup, rec	12/15/2022	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	86	107	
2022/23-2	000NONPJ	matrix spike, RPD	12/15/2022	Anion	Fluoride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	
2022/23-2	000NONPJ	matrix spike	12/15/2022	Anion	Fluoride	n/a	=	19.3	mg/L	EPA 300.0	0.09	1			
2022/23-2	000NONPJ	matrix spike, rec	12/15/2022	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	86	107	
2022/23-2	000NONPJ	matrix spike dup	12/15/2022	Anion	Fluoride	n/a	=	19.4	mg/L	EPA 300.0	0.09	1			
2022/23-2	000NONPJ	matrix spike dup, rec	12/15/2022	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	86	107	
2022/23-2	000NONPJ	matrix spike, RPD	12/15/2022	Anion	Fluoride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	
2022/23-2	Lab	method blank	12/14/2022	Anion	Fluoride	n/a	<	0.009	mg/L	EPA 300.0	0.009	0.1			
2022/23-2	Lab	LCS	12/14/2022	Anion	Fluoride	n/a	=	1.97	mg/L	EPA 300.0	0.009	0.1			
2022/23-2	Lab	LCS, rec	12/14/2022	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	90	110	
2022/23-2	000NONPJ	matrix spike	12/10/2022	Anion	Perchlorate	n/a	=	10.3	µg/L	EPA 314.0	0.39	2			
2022/23-2	000NONPJ	matrix spike, rec	12/10/2022	Anion	Perchlorate	n/a	=	99	%	EPA 314.0	-88	-88	80	120	
2022/23-2	000NONPJ	matrix spike dup	12/10/2022	Anion	Perchlorate	n/a	=	10.5	µg/L	EPA 314.0	0.39	2			
2022/23-2	000NONPJ	matrix spike dup, rec	12/10/2022	Anion	Perchlorate	n/a	=	100	%	EPA 314.0	-88	-88	80	120	
2022/23-2	000NONPJ	matrix spike, RPD	12/10/2022	Anion	Perchlorate	n/a	=	2	%	EPA 314.0	-88	-88	0	15	
2022/23-2	000NONPJ	matrix spike	12/14/2022	Anion	Perchlorate	n/a	=	14.6	µg/L	EPA 314.0	0.39	2			
2022/23-2	000NONPJ	matrix spike, rec	12/14/2022	Anion	Perchlorate	n/a	=	100	%	EPA 314.0	-88	-88	80	120	
2022/23-2	000NONPJ	matrix spike dup	12/14/2022	Anion	Perchlorate	n/a	=	14.8	µg/L	EPA 314.0	0.39	2			
2022/23-2	000NONPJ	matrix spike dup, rec	12/14/2022	Anion	Perchlorate	n/a	=	102	%	EPA 314.0	-88	-88	80	120	
2022/23-2	000NONPJ	matrix spike, RPD	12/14/2022	Anion	Perchlorate	n/a	=	1	%	EPA 314.0	-88	-88	0	15	
2022/23-2	Lab	method blank	12/10/2022	Anion	Perchlorate	n/a	<	0.39	µg/L	EPA 314.0	0.39	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	
2022/23-2	Lab	LCS	12/10/2022	Anion	Perchlorate	n/a	=	10.3	µg/L	EPA 314.0	0.39	2			
2022/23-2	Lab	LCS, rec	12/10/2022	Anion	Perchlorate	n/a	=	103	%	EPA 314.0	-88	-88	85	115	
2022/23-2	Lab	method blank	12/14/2022	Anion	Perchlorate	n/a	<	0.39	µg/L	EPA 314.0	0.39	2			
2022/23-2	Lab	LCS	12/14/2022	Anion	Perchlorate	n/a	=	10.8	µg/L	EPA 314.0	0.39	2			
2022/23-2	Lab	LCS, rec	12/14/2022	Anion	Perchlorate	n/a	=	108	%	EPA 314.0	-88	-88	85	115	
2022/23-2	Lab	method blank	12/3/2022	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022/23-2	MO-HUE	field blank	12/3/2022	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022/23-2	MO-HUE	field duplicate	12/3/2022	Bacteriological	E. Coli	n/a	=	10462	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2022/23-2	Lab	method blank	12/3/2022	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022/23-2	MO-HUE	field blank	12/3/2022	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022/23-2	MO-HUE	field duplicate	12/3/2022	Bacteriological	Total Coliform	n/a	=	173290	MPN/100 mL	MMO-MUG	100	100	-88	-88	
2022/23-2	Lab	method blank	12/9/2022	Cation	Calcium	Total	<	0.0234	mg/L	EPA 200.7	0.0234	0.5			
2022/23-2	Lab	LCS	12/9/2022	Cation	Calcium	Total	=	50.7	mg/L	EPA 200.7	0.0234	0.5			
2022/23-2	Lab	LCS, rec	12/9/2022	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2022/23-2	Lab	method blank	12/9/2022	Cation	Calcium	Total	<	0.0234	mg/L	EPA 200.7	0.0234	0.5			
2022/23-2	Lab	LCS	12/9/2022	Cation	Calcium	Total	=	49.6	mg/L	EPA 200.7	0.0234	0.5			
2022/23-2	Lab	LCS, rec	12/9/2022	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2022/23-2	ME-CC	matrix spike	12/9/2022	Cation	Calcium	Total	=	121	mg/L	EPA 200.7	0.0234	0.5			
2022/23-2	ME-CC	matrix spike, rec	12/9/2022	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike dup	12/9/2022	Cation	Calcium	Total	=	119	mg/L	EPA 200.7	0.0234	0.5			
2022/23-2	ME-CC	matrix spike dup, rec	12/9/2022	Cation	Calcium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike, RPD	12/9/2022	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2022/23-2	MO-OJA	matrix spike	12/9/2022	Cation	Calcium	Total	=	57.7	mg/L	EPA 200.7	0.0234	0.5			
2022/23-2	MO-OJA	matrix spike, rec	12/9/2022	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2022/23-2	MO-OJA	matrix spike dup	12/9/2022	Cation	Calcium	Total	=	57.3	mg/L	EPA 200.7	0.0234	0.5			
2022/23-2	MO-OJA	matrix spike dup, rec	12/9/2022	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2022/23-2	MO-OJA	matrix spike, RPD	12/9/2022	Cation	Calcium	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2022/23-2	MO-OXN	matrix spike	12/9/2022	Cation	Calcium	Total	=	67.8	mg/L	EPA 200.7	0.0234	0.5			
2022/23-2	MO-OXN	matrix spike, rec	12/9/2022	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2022/23-2	MO-OXN	matrix spike dup	12/9/2022	Cation	Calcium	Total	=	67.5	mg/L	EPA 200.7	0.0234	0.5			
2022/23-2	MO-OXN	matrix spike dup, rec	12/9/2022	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2022/23-2	MO-OXN	matrix spike, RPD	12/9/2022	Cation	Calcium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2022/23-2	MO-SPA	matrix spike	12/9/2022	Cation	Calcium	Total	=	71.5	mg/L	EPA 200.7	0.0234	0.5			
2022/23-2	MO-SPA	matrix spike, rec	12/9/2022	Cation	Calcium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2022/23-2	MO-SPA	matrix spike dup	12/9/2022	Cation	Calcium	Total	=	69.8	mg/L	EPA 200.7	0.0234	0.5			
2022/23-2	MO-SPA	matrix spike dup, rec	12/9/2022	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2022/23-2	MO-SPA	matrix spike, RPD	12/9/2022	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2022/23-2	Lab	method blank	12/9/2022	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2022/23-2	Lab	LCS	12/9/2022	Cation	Magnesium	Total	=	48.7	mg/L	EPA 200.7	0.039	0.5			
2022/23-2	Lab	LCS, rec	12/9/2022	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2022/23-2	Lab	method blank	12/9/2022	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2022/23-2	Lab	LCS	12/9/2022	Cation	Magnesium	Total	=	47.7	mg/L	EPA 200.7	0.039	0.5			
2022/23-2	Lab	LCS, rec	12/9/2022	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2022/23-2	ME-CC	matrix spike	12/9/2022	Cation	Magnesium	Total	=	85.2	mg/L	EPA 200.7	0.039	0.5			
2022/23-2	ME-CC	matrix spike, rec	12/9/2022	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike dup	12/9/2022	Cation	Magnesium	Total	=	84	mg/L	EPA 200.7	0.039	0.5			
2022/23-2	ME-CC	matrix spike dup, rec	12/9/2022	Cation	Magnesium	Total	=	95	%	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	
2022/23-2	ME-CC	matrix spike, RPD	12/9/2022	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2022/23-2	MO-OJA	matrix spike	12/9/2022	Cation	Magnesium	Total	=	50	mg/L	EPA 200.7	0.039	0.5			
2022/23-2	MO-OJA	matrix spike, rec	12/9/2022	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2022/23-2	MO-OJA	matrix spike dup	12/9/2022	Cation	Magnesium	Total	=	49.8	mg/L	EPA 200.7	0.039	0.5			
2022/23-2	MO-OJA	matrix spike dup, rec	12/9/2022	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2022/23-2	MO-OJA	matrix spike, RPD	12/9/2022	Cation	Magnesium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2022/23-2	MO-oxn	matrix spike	12/9/2022	Cation	Magnesium	Total	=	52.5	mg/L	EPA 200.7	0.039	0.5			
2022/23-2	MO-oxn	matrix spike, rec	12/9/2022	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2022/23-2	MO-oxn	matrix spike dup	12/9/2022	Cation	Magnesium	Total	=	52.4	mg/L	EPA 200.7	0.039	0.5			
2022/23-2	MO-oxn	matrix spike dup, rec	12/9/2022	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2022/23-2	MO-oxn	matrix spike, RPD	12/9/2022	Cation	Magnesium	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2022/23-2	MO-SPA	matrix spike	12/9/2022	Cation	Magnesium	Total	=	54.1	mg/L	EPA 200.7	0.039	0.5			
2022/23-2	MO-SPA	matrix spike, rec	12/9/2022	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2022/23-2	MO-SPA	matrix spike dup	12/9/2022	Cation	Magnesium	Total	=	52.7	mg/L	EPA 200.7	0.039	0.5			
2022/23-2	MO-SPA	matrix spike dup, rec	12/9/2022	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2022/23-2	MO-SPA	matrix spike, RPD	12/9/2022	Cation	Magnesium	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2022/23-2	000NONPJ	lab duplicate	12/3/2022	Conventional	Alkalinity as CaCO3	n/a	=	192	mg/L	SM 2320 B	1.9	5		15	
2022/23-2	000NONPJ	lab duplicate	12/8/2022	Conventional	Alkalinity as CaCO3	n/a	=	155	mg/L	SM 2320 B	1.9	5		15	
2022/23-2	Lab	method blank	12/3/2022	Conventional	Alkalinity as CaCO3	n/a	<	1.9	mg/L	SM 2320 B	1.9	5			
2022/23-2	Lab	LCS	12/3/2022	Conventional	Alkalinity as CaCO3	n/a	=	242	mg/L	SM 2320 B	1.9	5			
2022/23-2	Lab	LCS, rec	12/3/2022	Conventional	Alkalinity as CaCO3	n/a	=	97	%	SM 2320 B	-88	-88	94	108	
2022/23-2	Lab	method blank	12/8/2022	Conventional	Alkalinity as CaCO3	n/a	<	1.9	mg/L	SM 2320 B	1.9	5			
2022/23-2	Lab	LCS	12/8/2022	Conventional	Alkalinity as CaCO3	n/a	=	239	mg/L	SM 2320 B	1.9	5			
2022/23-2	Lab	LCS, rec	12/8/2022	Conventional	Alkalinity as CaCO3	n/a	=	96	%	SM 2320 B	-88	-88	94	108	
2022/23-2	Lab	method blank	12/7/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-2	Lab	method blank	12/7/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-2	Lab	method blank	12/7/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-2	Lab	LCS	12/7/2022	Conventional	BOD	n/a	=	171	mg/L	SM 5210 B	2	2			
2022/23-2	Lab	LCS, rec	12/7/2022	Conventional	BOD	n/a	=	86	%	SM 5210 B	-88	-88	85	115	
2022/23-2	Lab	method blank	12/9/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-2	Lab	method blank	12/9/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-2	Lab	LCS	12/9/2022	Conventional	BOD	n/a	=	195	mg/L	SM 5210 B	2	2			
2022/23-2	Lab	LCS, rec	12/9/2022	Conventional	BOD	n/a	=	99	%	SM 5210 B	-88	-88	85	115	
2022/23-2	MO-HUE	lab duplicate	12/7/2022	Conventional	BOD	n/a	=	5.37	mg/L	SM 5210 B	2	2		20	
2022/23-2	000NONPJ	matrix spike	12/14/2022	Conventional	COD	n/a	=	217	mg/L	EPA 410.4	12	20			
2022/23-2	000NONPJ	matrix spike, rec	12/14/2022	Conventional	COD	n/a	=	93	%	EPA 410.4	-88	-88	90	110	
2022/23-2	000NONPJ	matrix spike dup	12/14/2022	Conventional	COD	n/a	=	216	mg/L	EPA 410.4	12	20			
2022/23-2	000NONPJ	matrix spike dup, rec	12/14/2022	Conventional	COD	n/a	=	93	%	EPA 410.4	-88	-88	90	110	
2022/23-2	000NONPJ	matrix spike, RPD	12/14/2022	Conventional	COD	n/a	=	0.3	%	EPA 410.4	-88	-88	0	15	
2022/23-2	000NONPJ	lab duplicate	12/14/2022	Conventional	COD	n/a	=	958	mg/L	EPA 410.4	12	20		15	
2022/23-2	Lab	LCS	12/9/2022	Conventional	COD	n/a	=	1020	mg/L	EPA 410.4	2.9	5			
2022/23-2	Lab	LCS, rec	12/9/2022	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2022/23-2	Lab	method blank	12/12/2022	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2022/23-2	Lab	LCS	12/14/2022	Conventional	COD	n/a	=	996	mg/L	EPA 410.4	2.9	5			
2022/23-2	Lab	LCS, rec	12/14/2022	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2022/23-2	Lab	method blank	12/14/2022	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	MO-CAM	lab duplicate	12/9/2022	Conventional	COD	n/a	=	169	mg/L	EPA 410.4	2.9	5		15	
2022/23-2	MO-HUE	matrix spike	12/9/2022	Conventional	COD	n/a	=	236	mg/L	EPA 410.4	12	20			
2022/23-2	MO-HUE	matrix spike, rec	12/9/2022	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2022/23-2	MO-HUE	matrix spike dup	12/9/2022	Conventional	COD	n/a	=	237	mg/L	EPA 410.4	12	20			
2022/23-2	MO-HUE	matrix spike dup, rec	12/9/2022	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2022/23-2	MO-HUE	matrix spike, RPD	12/9/2022	Conventional	COD	n/a	=	0.6	%	EPA 410.4	-88	-88	0	15	
2022/23-2	MO-SPA	matrix spike	12/9/2022	Conventional	COD	n/a	=	2270	mg/L	EPA 410.4	12	20			
2022/23-2	MO-SPA	matrix spike dup	12/9/2022	Conventional	COD	n/a	=	2230	mg/L	EPA 410.4	12	20			
2022/23-2	MO-SPA	matrix spike dup, rec	12/9/2022	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2022/23-2	MO-SPA	matrix spike, rec	12/9/2022	Conventional	COD	n/a	=	105	%	EPA 410.4	-88	-88	90	110	
2022/23-2	MO-SPA	matrix spike, RPD	12/9/2022	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2022/23-2	MO-VEN	matrix spike	12/14/2022	Conventional	COD	n/a	=	2180	mg/L	EPA 410.4	12	20			
2022/23-2	MO-VEN	matrix spike, rec	12/14/2022	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	
2022/23-2	MO-VEN	matrix spike dup	12/14/2022	Conventional	COD	n/a	=	2130	mg/L	EPA 410.4	12	20			
2022/23-2	MO-VEN	matrix spike dup, rec	12/14/2022	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2022/23-2	MO-VEN	matrix spike, RPD	12/14/2022	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Conventional	Cyanide	Total	=	0.424	mg/L	ASTM D7511	0.0029	0.01			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Conventional	Cyanide	Total	=	88	%	ASTM D7511	-88	-88	64	136	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Conventional	Cyanide	Total	=	0.431	mg/L	ASTM D7511	0.0029	0.01			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Conventional	Cyanide	Total	=	91	%	ASTM D7511	-88	-88	64	136	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Conventional	Cyanide	Total	=	2	%	ASTM D7511	-88	-88	0	47	
2022/23-2	000NONPJ	matrix spike	12/14/2022	Conventional	Cyanide	Total	=	0.0472	mg/L	ASTM D7511	0.0006	0.002			
2022/23-2	000NONPJ	matrix spike, rec	12/14/2022	Conventional	Cyanide	Total	=	93	%	ASTM D7511	-88	-88	64	136	
2022/23-2	000NONPJ	matrix spike dup	12/14/2022	Conventional	Cyanide	Total	=	0.0496	mg/L	ASTM D7511	0.0006	0.002			
2022/23-2	000NONPJ	matrix spike dup, rec	12/14/2022	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	64	136	
2022/23-2	000NONPJ	matrix spike, RPD	12/14/2022	Conventional	Cyanide	Total	=	5	%	ASTM D7511	-88	-88	0	47	
2022/23-2	000NONPJ	matrix spike	12/14/2022	Conventional	Cyanide	Total	=	0.0609	mg/L	ASTM D7511	0.0006	0.002			
2022/23-2	000NONPJ	matrix spike, rec	12/14/2022	Conventional	Cyanide	Total	=	95	%	ASTM D7511	-88	-88	64	136	
2022/23-2	000NONPJ	matrix spike dup	12/14/2022	Conventional	Cyanide	Total	=	0.0639	mg/L	ASTM D7511	0.0006	0.002			
2022/23-2	000NONPJ	matrix spike dup, rec	12/14/2022	Conventional	Cyanide	Total	=	101	%	ASTM D7511	-88	-88	64	136	
2022/23-2	000NONPJ	matrix spike, RPD	12/14/2022	Conventional	Cyanide	Total	=	5	%	ASTM D7511	-88	-88	0	47	
2022/23-2	Lab	LCS	12/12/2022	Conventional	Cyanide	Total	=	0.05	mg/L	ASTM D7511	0.0006	0.002			
2022/23-2	Lab	LCS, rec	12/12/2022	Conventional	Cyanide	Total	=	100	%	ASTM D7511	-88	-88	84	116	
2022/23-2	Lab	method blank	12/12/2022	Conventional	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002			
2022/23-2	Lab	method blank	12/12/2022	Conventional	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002			
2022/23-2	Lab	LCS	12/12/2022	Conventional	Cyanide	Total	=	0.0511	mg/L	ASTM D7511	0.0006	0.002			
2022/23-2	Lab	LCS, rec	12/12/2022	Conventional	Cyanide	Total	=	102	%	ASTM D7511	-88	-88	84	116	
2022/23-2	Lab	LCS	12/14/2022	Conventional	Cyanide	Total	=	0.0525	mg/L	ASTM D7511	0.0006	0.002			
2022/23-2	Lab	LCS, rec	12/14/2022	Conventional	Cyanide	Total	=	105	%	ASTM D7511	-88	-88	84	116	
2022/23-2	Lab	method blank	12/14/2022	Conventional	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002			
2022/23-2	Lab	method blank	12/14/2022	Conventional	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002			
2022/23-2	Lab	LCS	12/14/2022	Conventional	Cyanide	Total	=	0.0504	mg/L	ASTM D7511	0.0006	0.002			
2022/23-2	Lab	LCS, rec	12/14/2022	Conventional	Cyanide	Total	=	101	%	ASTM D7511	-88	-88	84	116	
2022/23-2	MO-HUE	field blank	12/12/2022	Conventional	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002			
2022/23-2	MO-HUE	field duplicate	12/12/2022	Conventional	Cyanide	Total	=	0.0044	mg/L	ASTM D7511	0.0006	0.002			
2022/23-2	Lab	LCS	12/2/2022	Conventional	MBAS	n/a	=	0.21	mg/L	SM 5540 C	0.023	0.05			
2022/23-2	Lab	LCS, rec	12/2/2022	Conventional	MBAS	n/a	=	105	%	SM 5540 C	-88	-88	82	115	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	method blank	12/2/2022	Conventional	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05			
2022/23-2	Lab	LCS	12/4/2022	Conventional	MBAS	n/a	=	0.173	mg/L	SM 5540 C	0.023	0.05			
2022/23-2	Lab	LCS, rec	12/4/2022	Conventional	MBAS	n/a	=	86	%	SM 5540 C	-88	-88	82	115	
2022/23-2	Lab	method blank	12/4/2022	Conventional	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05			
2022/23-2	ME-CC	matrix spike	12/4/2022	Conventional	MBAS	n/a	=	0.283	mg/L	SM 5540 C	0.023	0.05			
2022/23-2	ME-CC	matrix spike dup	12/4/2022	Conventional	MBAS	n/a	=	0.283	mg/L	SM 5540 C	0.023	0.05			
2022/23-2	ME-CC	matrix spike dup, rec	12/4/2022	Conventional	MBAS	n/a	=	102	%	SM 5540 C	-88	-88	74	123	
2022/23-2	ME-CC	matrix spike, rec	12/4/2022	Conventional	MBAS	n/a	=	102	%	SM 5540 C	-88	-88	74	123	
2022/23-2	ME-CC	matrix spike, RPD	12/4/2022	Conventional	MBAS	n/a	=	0	%	SM 5540 C	-88	-88	0	20	
2022/23-2	MO-THO	matrix spike	12/2/2022	Conventional	MBAS	n/a	=	0.21	mg/L	SM 5540 C	0.023	0.05			
2022/23-2	MO-THO	matrix spike dup	12/2/2022	Conventional	MBAS	n/a	=	0.214	mg/L	SM 5540 C	0.023	0.05			
2022/23-2	MO-THO	matrix spike dup, rec	12/2/2022	Conventional	MBAS	n/a	=	107	%	SM 5540 C	-88	-88	74	123	
2022/23-2	MO-THO	matrix spike, rec	12/2/2022	Conventional	MBAS	n/a	=	105	%	SM 5540 C	-88	-88	74	123	
2022/23-2	MO-THO	matrix spike, RPD	12/2/2022	Conventional	MBAS	n/a	=	2	%	SM 5540 C	-88	-88	0	20	
2022/23-2	000NONPJ	matrix spike	12/14/2022	Conventional	Phenolics	n/a	=	0.256	mg/L	EPA 420.4	0.0068	0.01			
2022/23-2	000NONPJ	matrix spike, rec	12/14/2022	Conventional	Phenolics	n/a	=	102	%	EPA 420.4	-88	-88	90	110	
2022/23-2	000NONPJ	matrix spike dup	12/14/2022	Conventional	Phenolics	n/a	=	0.254	mg/L	EPA 420.4	0.0068	0.01			
2022/23-2	000NONPJ	matrix spike dup, rec	12/14/2022	Conventional	Phenolics	n/a	=	102	%	EPA 420.4	-88	-88	90	110	
2022/23-2	000NONPJ	matrix spike, RPD	12/14/2022	Conventional	Phenolics	n/a	=	0.7	%	EPA 420.4	-88	-88	0	20	
2022/23-2	Lab	method blank	12/14/2022	Conventional	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01			
2022/23-2	Lab	LCS	12/14/2022	Conventional	Phenolics	n/a	=	0.097	mg/L	EPA 420.4	0.0068	0.01			
2022/23-2	Lab	LCS, rec	12/14/2022	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	
2022/23-2	ME-VR2	matrix spike	12/14/2022	Conventional	Phenolics	n/a	=	0.261	mg/L	EPA 420.4	0.0068	0.01			
2022/23-2	ME-VR2	matrix spike, rec	12/14/2022	Conventional	Phenolics	n/a	=	104	%	EPA 420.4	-88	-88	90	110	
2022/23-2	ME-VR2	matrix spike dup	12/14/2022	Conventional	Phenolics	n/a	=	0.259	mg/L	EPA 420.4	0.0068	0.01			
2022/23-2	ME-VR2	matrix spike dup, rec	12/14/2022	Conventional	Phenolics	n/a	=	104	%	EPA 420.4	-88	-88	90	110	
2022/23-2	ME-VR2	matrix spike, RPD	12/14/2022	Conventional	Phenolics	n/a	=	0.9	%	EPA 420.4	-88	-88	0	20	
2022/23-2	000NONPJ	lab duplicate	12/23/2022	Conventional	Specific Conductance	n/a	=	6700	µmhos/cm	SM 2510 B	1.1	2		5	
2022/23-2	Lab	method blank	12/14/2022	Conventional	Specific Conductance	n/a	<	1.1	µmhos/cm	SM 2510 B	1.1	2			
2022/23-2	Lab	LCS	12/14/2022	Conventional	Specific Conductance	n/a	=	448	µmhos/cm	SM 2510 B	1.1	2			
2022/23-2	Lab	LCS, rec	12/14/2022	Conventional	Specific Conductance	n/a	=	101	%	SM 2510 B	-88	-88	95	105	
2022/23-2	Lab	method blank	12/23/2022	Conventional	Specific Conductance	n/a	=	121	µmhos/cm	SM 2510 B	1.1	2			IP
2022/23-2	Lab	LCS	12/23/2022	Conventional	Specific Conductance	n/a	=	24700	µmhos/cm	SM 2510 B	1.1	2			
2022/23-2	Lab	LCS, rec	12/23/2022	Conventional	Specific Conductance	n/a	=	99	%	SM 2510 B	-88	-88	95	105	
2022/23-2	ME-CC	lab duplicate	12/14/2022	Conventional	Specific Conductance	n/a	=	1380	µmhos/cm	SM 2510 B	3.2	6		5	IL
2022/23-2	Lab	method blank	12/4/2022	Conventional	Total Chlorine Residual	n/a	<	0.031	mg/L	SM 4500-Cl G	0.031	0.05			
2022/23-2	Lab	LCS	12/4/2022	Conventional	Total Chlorine Residual	n/a	=	0.218	mg/L	SM 4500-Cl G	0.031	0.05			
2022/23-2	Lab	LCS, rec	12/4/2022	Conventional	Total Chlorine Residual	n/a	=	109	%	SM 4500-Cl G	-88	-88	85	110	
2022/23-2	Lab	LCS	12/5/2022	Conventional	Total Chlorine Residual	n/a	=	0.187	mg/L	SM 4500-Cl G	0.031	0.05			
2022/23-2	Lab	LCS, rec	12/5/2022	Conventional	Total Chlorine Residual	n/a	=	94	%	SM 4500-Cl G	-88	-88	85	110	
2022/23-2	Lab	method blank	12/5/2022	Conventional	Total Chlorine Residual	n/a	<	0.031	mg/L	SM 4500-Cl G	0.031	0.05			
2022/23-2	ME-CC	lab duplicate	12/5/2022	Conventional	Total Chlorine Residual	n/a	=	0.056	mg/L	SM 4500-Cl G	0.031	0.05		15	Est-HT
2022/23-2	ME-CC	matrix spike	12/5/2022	Conventional	Total Chlorine Residual	n/a	=	0.932	mg/L	SM 4500-Cl G	0.12	0.2			
2022/23-2	ME-CC	matrix spike, rec	12/5/2022	Conventional	Total Chlorine Residual	n/a	=	116	%	SM 4500-Cl G	-88	-88	78	114	
2022/23-2	ME-CC	matrix spike dup	12/5/2022	Conventional	Total Chlorine Residual	n/a	=	0.984	mg/L	SM 4500-Cl G	0.12	0.2			
2022/23-2	ME-CC	matrix spike dup, rec	12/5/2022	Conventional	Total Chlorine Residual	n/a	=	123	%	SM 4500-Cl G	-88	-88	78	114	
2022/23-2	ME-CC	matrix spike, RPD	12/5/2022	Conventional	Total Chlorine Residual	n/a	=	5	%	SM 4500-Cl G	-88	-88	0	15	

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Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	ME-VR2	matrix spike	12/4/2022	Conventional	Total Chlorine Residual	n/a	=	0.242	mg/L	SM 4500-Cl G	0.031	0.05			
2022/23-2	ME-VR2	matrix spike dup	12/4/2022	Conventional	Total Chlorine Residual	n/a	=	0.236	mg/L	SM 4500-Cl G	0.031	0.05			
2022/23-2	ME-VR2	matrix spike dup, rec	12/4/2022	Conventional	Total Chlorine Residual	n/a	=	93	%	SM 4500-Cl G	-88	-88	78	114	
2022/23-2	ME-VR2	matrix spike, rec	12/4/2022	Conventional	Total Chlorine Residual	n/a	=	96	%	SM 4500-Cl G	-88	-88	78	114	
2022/23-2	ME-VR2	matrix spike, RPD	12/4/2022	Conventional	Total Chlorine Residual	n/a	=	3	%	SM 4500-Cl G	-88	-88	0	15	
2022/23-2	MO-OXN	lab duplicate	12/4/2022	Conventional	Total Chlorine Residual	n/a	=	0.057	mg/L	SM 4500-Cl G	0.031	0.05		15	Est-HT
2022/23-2	000NONPJ	lab duplicate	12/8/2022	Conventional	Total Dissolved Solids	n/a	=	1580	mg/L	SM 2540 C	4	10		10	
2022/23-2	000NONPJ	lab duplicate	12/8/2022	Conventional	Total Dissolved Solids	n/a	=	1820	mg/L	SM 2540 C	4	10		10	
2022/23-2	000NONPJ	lab duplicate	12/8/2022	Conventional	Total Dissolved Solids	n/a	=	2720	mg/L	SM 2540 C	4	10		10	
2022/23-2	000NONPJ	lab duplicate	12/8/2022	Conventional	Total Dissolved Solids	n/a	=	2550	mg/L	SM 2540 C	4	10		10	
2022/23-2	Lab	LCS	12/8/2022	Conventional	Total Dissolved Solids	n/a	=	846	mg/L	SM 2540 C	4	10			
2022/23-2	Lab	LCS, rec	12/8/2022	Conventional	Total Dissolved Solids	n/a	=	103	%	SM 2540 C	-88	-88	97	103	
2022/23-2	Lab	method blank	12/8/2022	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2022/23-2	Lab	LCS	12/8/2022	Conventional	Total Dissolved Solids	n/a	=	840	mg/L	SM 2540 C	4	10			
2022/23-2	Lab	LCS, rec	12/8/2022	Conventional	Total Dissolved Solids	n/a	=	102	%	SM 2540 C	-88	-88	96	102	
2022/23-2	Lab	method blank	12/8/2022	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2022/23-2	000NONPJ	matrix spike	12/8/2022	Conventional	Total Organic Carbon	n/a	=	5.13	mg/L	SM 5310 B	0.19	0.3			
2022/23-2	000NONPJ	matrix spike, rec	12/8/2022	Conventional	Total Organic Carbon	n/a	=	80	%	SM 5310 B	-88	-88	76	115	
2022/23-2	000NONPJ	matrix spike dup	12/8/2022	Conventional	Total Organic Carbon	n/a	=	5.31	mg/L	SM 5310 B	0.19	0.3			
2022/23-2	000NONPJ	matrix spike dup, rec	12/8/2022	Conventional	Total Organic Carbon	n/a	=	83	%	SM 5310 B	-88	-88	76	115	
2022/23-2	000NONPJ	matrix spike, RPD	12/8/2022	Conventional	Total Organic Carbon	n/a	=	3	%	SM 5310 B	-88	-88	0	20	
2022/23-2	Lab	method blank	12/8/2022	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2022/23-2	Lab	LCS	12/8/2022	Conventional	Total Organic Carbon	n/a	=	0.926	mg/L	SM 5310 B	0.19	0.3			
2022/23-2	Lab	LCS, rec	12/8/2022	Conventional	Total Organic Carbon	n/a	=	93	%	SM 5310 B	-88	-88	85	115	
2022/23-2	Lab	LCS	12/6/2022	Conventional	Total Suspended Solids	n/a	=	61.2	mg/L	SM 2540 D	-88	5			
2022/23-2	Lab	LCS, rec	12/6/2022	Conventional	Total Suspended Solids	n/a	=	95	%	SM 2540 D	-88	-88	90	110	
2022/23-2	Lab	method blank	12/6/2022	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2022/23-2	MO-HUE	lab duplicate	12/6/2022	Conventional	Total Suspended Solids	n/a	=	20	mg/L	SM 2540 D	-88	5		20	
2022/23-2	MO-SIM	lab duplicate	12/6/2022	Conventional	Total Suspended Solids	n/a	=	9.6	mg/L	SM 2540 D	-88	5		20	
2022/23-2	000NONPJ	lab duplicate	12/3/2022	Conventional	Turbidity	n/a	=	43	NTU	EPA 180.1	0.085	0.5		10	
2022/23-2	Lab	LCS	12/3/2022	Conventional	Turbidity	n/a	=	1.98	NTU	EPA 180.1	0.017	0.1			
2022/23-2	Lab	LCS	12/3/2022	Conventional	Turbidity	n/a	=	9.88	NTU	EPA 180.1	0.017	0.1			
2022/23-2	Lab	LCS, rec	12/3/2022	Conventional	Turbidity	n/a	=	99	%	EPA 180.1	-88	-88	90	110	
2022/23-2	Lab	LCS, rec	12/3/2022	Conventional	Turbidity	n/a	=	99	%	EPA 180.1	-88	-88	90	110	
2022/23-2	Lab	method blank	12/3/2022	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2022/23-2	Lab	LCS	12/3/2022	Conventional	Turbidity	n/a	=	10.1	NTU	EPA 180.1	0.017	0.1			
2022/23-2	Lab	LCS	12/3/2022	Conventional	Turbidity	n/a	=	1.92	NTU	EPA 180.1	0.017	0.1			
2022/23-2	Lab	LCS, rec	12/3/2022	Conventional	Turbidity	n/a	=	101	%	EPA 180.1	-88	-88	90	110	
2022/23-2	Lab	LCS, rec	12/3/2022	Conventional	Turbidity	n/a	=	96	%	EPA 180.1	-88	-88	90	110	
2022/23-2	Lab	method blank	12/3/2022	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2022/23-2	MO-OJA	lab duplicate	12/3/2022	Conventional	Turbidity	n/a	=	36.5	NTU	EPA 180.1	0.085	0.5		10	
2022/23-2	Lab	LCS	12/6/2022	Conventional	Volatile Suspended Solids	n/a	=	46	mg/L	EPA 160.4	0.093	0.15			
2022/23-2	Lab	LCS, rec	12/6/2022	Conventional	Volatile Suspended Solids	n/a	=	100	%	EPA 160.4	-88	-88	90	110	
2022/23-2	Lab	method blank	12/6/2022	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2022/23-2	MO-HUE	lab duplicate	12/6/2022	Conventional	Volatile Suspended Solids	n/a	=	6	mg/L	EPA 160.4	3.1	5		15	
2022/23-2	MO-SIM	lab duplicate	12/6/2022	Conventional	Volatile Suspended Solids	n/a	=	9	mg/L	EPA 160.4	3.1	5		15	
2022/23-2	Lab	method blank	12/19/2022	Hydrocarbon	Diesel Range Organics	n/a	<	0.072	mg/L	EPA 8015B	0.072	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	
2022/23-2	Lab	LCS	12/19/2022	Hydrocarbon	Diesel Range Organics	n/a	=	0.363	mg/L	EPA 8015B	0.072	0.1			
2022/23-2	Lab	LCS, rec	12/19/2022	Hydrocarbon	Diesel Range Organics	n/a	=	73	%	EPA 8015B	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/19/2022	Hydrocarbon	Diesel Range Organics	n/a	=	0.401	mg/L	EPA 8015B	0.072	0.1			
2022/23-2	Lab	LCS dup, rec	12/19/2022	Hydrocarbon	Diesel Range Organics	n/a	=	80	%	EPA 8015B	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/19/2022	Hydrocarbon	Diesel Range Organics	n/a	=	10	%	EPA 8015B	-88	-88	0	25	
2022/23-2	Lab	LCS	12/11/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	1	mg/L	EPA 8260B	0.065	0.1			
2022/23-2	Lab	LCS, rec	12/11/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	100	%	EPA 8260B	-88	-88	53	136	
2022/23-2	Lab	LCS dup	12/11/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	1.06	mg/L	EPA 8260B	0.065	0.1			
2022/23-2	Lab	LCS dup, rec	12/11/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	106	%	EPA 8260B	-88	-88	53	136	
2022/23-2	Lab	LCS, RPD	12/11/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	5	%	EPA 8260B	-88	-88	0	25	
2022/23-2	Lab	method blank	12/11/2022	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1			
2022/23-2	Lab	LCS	12/12/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	0.981	mg/L	EPA 8260B	0.065	0.1			
2022/23-2	Lab	LCS, rec	12/12/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	98	%	EPA 8260B	-88	-88	53	136	
2022/23-2	Lab	LCS dup	12/12/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	1.02	mg/L	EPA 8260B	0.065	0.1			
2022/23-2	Lab	LCS dup, rec	12/12/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	102	%	EPA 8260B	-88	-88	53	136	
2022/23-2	Lab	LCS, RPD	12/12/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	4	%	EPA 8260B	-88	-88	0	25	
2022/23-2	Lab	method blank	12/12/2022	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1			
2022/23-2	Lab	LCS	12/21/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	1.03	mg/L	EPA 8260B	0.065	0.1			
2022/23-2	Lab	LCS, rec	12/21/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	103	%	EPA 8260B	-88	-88	53	136	
2022/23-2	Lab	LCS dup	12/21/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	0.936	mg/L	EPA 8260B	0.065	0.1			
2022/23-2	Lab	LCS dup, rec	12/21/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	94	%	EPA 8260B	-88	-88	53	136	
2022/23-2	Lab	LCS, RPD	12/21/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	9	%	EPA 8260B	-88	-88	0	25	
2022/23-2	Lab	method blank	12/21/2022	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1			
2022/23-2	MO-HUE	field duplicate	12/11/2022	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1			
2022/23-2	MO-HUE	field blank	12/12/2022	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1			
2022/23-2	Lab	srgt method blank	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.261	mg/L	EPA 8015B	-88	-88			
2022/23-2	Lab	srgt method blank, rec	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	104	%	EPA 8015B	-88	-88	64	155	
2022/23-2	Lab	srgt LCS	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.227	mg/L	EPA 8015B	-88	-88			
2022/23-2	Lab	srgt LCS, rec	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	91	%	EPA 8015B	-88	-88	64	155	
2022/23-2	Lab	srgt LCS dup	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.257	mg/L	EPA 8015B	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	103	%	EPA 8015B	-88	-88	64	155	
2022/23-2	ME-CC	srgt environ	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.183	mg/L	EPA 8015B	-88	-88			
2022/23-2	ME-CC	srgt environ, rec	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	73	%	EPA 8015B	-88	-88	64	155	
2022/23-2	ME-VR2	srgt environ	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.201	mg/L	EPA 8015B	-88	-88			
2022/23-2	ME-VR2	srgt environ, rec	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	81	%	EPA 8015B	-88	-88	64	155	
2022/23-2	MO-CAM	srgt environ	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.166	mg/L	EPA 8015B	-88	-88			
2022/23-2	MO-CAM	srgt environ, rec	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	66	%	EPA 8015B	-88	-88	64	155	
2022/23-2	MO-FIL	srgt environ	12/20/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.241	mg/L	EPA 8015B	-88	-88			
2022/23-2	MO-FIL	srgt environ, rec	12/20/2022	Hydrocarbon	n-Tetracosane	n/a	=	97	%	EPA 8015B	-88	-88	64	155	
2022/23-2	MO-HUE	srgt environ	12/20/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.26	mg/L	EPA 8015B	-88	-88			
2022/23-2	MO-HUE	srgt environ, rec	12/20/2022	Hydrocarbon	n-Tetracosane	n/a	=	104	%	EPA 8015B	-88	-88	64	155	
2022/23-2	MO-MEI	srgt environ	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.205	mg/L	EPA 8015B	-88	-88			
2022/23-2	MO-MEI	srgt environ, rec	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	82	%	EPA 8015B	-88	-88	64	155	
2022/23-2	MO-MPK	srgt environ	12/20/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.226	mg/L	EPA 8015B	-88	-88			
2022/23-2	MO-MPK	srgt environ, rec	12/20/2022	Hydrocarbon	n-Tetracosane	n/a	=	90	%	EPA 8015B	-88	-88	64	155	
2022/23-2	MO-OJA	srgt environ	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.184	mg/L	EPA 8015B	-88	-88			
2022/23-2	MO-OJA	srgt environ, rec	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	74	%	EPA 8015B	-88	-88	64	155	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	MO-OXN	srgt environ	12/20/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.3	mg/L	EPA 8015B	-88	-88			
2022/23-2	MO-OXN	srgt environ, rec	12/20/2022	Hydrocarbon	n-Tetracosane	n/a	=	120	%	EPA 8015B	-88	-88	64	155	
2022/23-2	MO-SIM	srgt environ	12/20/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.215	mg/L	EPA 8015B	-88	-88			
2022/23-2	MO-SIM	srgt environ, rec	12/20/2022	Hydrocarbon	n-Tetracosane	n/a	=	86	%	EPA 8015B	-88	-88	64	155	
2022/23-2	MO-SPA	srgt environ	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.188	mg/L	EPA 8015B	-88	-88			
2022/23-2	MO-SPA	srgt environ, rec	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	75	%	EPA 8015B	-88	-88	64	155	
2022/23-2	MO-THO	srgt environ	12/20/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.178	mg/L	EPA 8015B	-88	-88			
2022/23-2	MO-THO	srgt environ, rec	12/20/2022	Hydrocarbon	n-Tetracosane	n/a	=	71	%	EPA 8015B	-88	-88	64	155	
2022/23-2	MO-VEN	srgt environ	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	0.212	mg/L	EPA 8015B	-88	-88			
2022/23-2	MO-VEN	srgt environ, rec	12/19/2022	Hydrocarbon	n-Tetracosane	n/a	=	85	%	EPA 8015B	-88	-88	64	155	
2022/23-2	Lab	LCS	12/12/2022	Hydrocarbon	Oil and Grease	n/a	DNQ	3.8	mg/L	EPA 1664B	0.6	4			
2022/23-2	Lab	LCS	12/12/2022	Hydrocarbon	Oil and Grease	n/a	=	15.8	mg/L	EPA 1664B	0.6	4			
2022/23-2	Lab	LCS dup	12/12/2022	Hydrocarbon	Oil and Grease	n/a	=	15.6	mg/L	EPA 1664B	0.6	4			
2022/23-2	Lab	LCS dup, rec	12/12/2022	Hydrocarbon	Oil and Grease	n/a	=	93	%	EPA 1664B	-88	-88	78	114	
2022/23-2	Lab	LCS, rec	12/12/2022	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664B	-88	-88	78	114	
2022/23-2	Lab	LCS, rec	12/12/2022	Hydrocarbon	Oil and Grease	n/a	=	95	%	EPA 1664B	-88	-88	78	114	
2022/23-2	Lab	LCS, RPD	12/12/2022	Hydrocarbon	Oil and Grease	n/a	=	1	%	EPA 1664B	-88	-88	0	18	
2022/23-2	Lab	method blank	12/12/2022	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2022/23-2	Lab	LCS	12/12/2022	Hydrocarbon	Oil and Grease	n/a	=	15	mg/L	EPA 1664B	0.6	4			
2022/23-2	Lab	LCS	12/12/2022	Hydrocarbon	Oil and Grease	n/a	DNQ	3.6	mg/L	EPA 1664B	0.6	4			
2022/23-2	Lab	LCS dup	12/12/2022	Hydrocarbon	Oil and Grease	n/a	=	14.8	mg/L	EPA 1664B	0.6	4			
2022/23-2	Lab	LCS dup, rec	12/12/2022	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664B	-88	-88	78	114	
2022/23-2	Lab	LCS, rec	12/12/2022	Hydrocarbon	Oil and Grease	n/a	=	89	%	EPA 1664B	-88	-88	78	114	
2022/23-2	Lab	LCS, rec	12/12/2022	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664B	-88	-88	78	114	
2022/23-2	Lab	LCS, RPD	12/12/2022	Hydrocarbon	Oil and Grease	n/a	=	1	%	EPA 1664B	-88	-88	0	18	
2022/23-2	Lab	method blank	12/12/2022	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2022/23-2	Lab	LCS	12/13/2022	Hydrocarbon	Oil and Grease	n/a	DNQ	3.7	mg/L	EPA 1664B	0.6	4			
2022/23-2	Lab	LCS	12/13/2022	Hydrocarbon	Oil and Grease	n/a	=	15.3	mg/L	EPA 1664B	0.6	4			
2022/23-2	Lab	LCS dup	12/13/2022	Hydrocarbon	Oil and Grease	n/a	=	14.4	mg/L	EPA 1664B	0.6	4			
2022/23-2	Lab	LCS dup, rec	12/13/2022	Hydrocarbon	Oil and Grease	n/a	=	85	%	EPA 1664B	-88	-88	78	114	
2022/23-2	Lab	LCS, rec	12/13/2022	Hydrocarbon	Oil and Grease	n/a	=	91	%	EPA 1664B	-88	-88	78	114	
2022/23-2	Lab	LCS, rec	12/13/2022	Hydrocarbon	Oil and Grease	n/a	=	92	%	EPA 1664B	-88	-88	78	114	
2022/23-2	Lab	LCS, RPD	12/13/2022	Hydrocarbon	Oil and Grease	n/a	=	6	%	EPA 1664B	-88	-88	0	18	
2022/23-2	Lab	method blank	12/13/2022	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2022/23-2	MO-HUE	field duplicate	12/12/2022	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2022/23-2	MO-HUE	field blank	12/12/2022	Hydrocarbon	Oil and Grease	n/a	DNQ	1.4	mg/L	EPA 1664B	0.7	4.6			
2022/23-2	Lab	method blank	12/19/2022	Hydrocarbon	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5			
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Aluminum	Dissolved	=	60.3	µg/L	EPA 200.8	4.4	20			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Aluminum	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Aluminum	Dissolved	=	61.5	µg/L	EPA 200.8	4.4	20			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Aluminum	Dissolved	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Aluminum	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-2	Lab	LCS	12/12/2022	Metal	Aluminum	Dissolved	=	50.6	µg/L	EPA 200.8	4.4	20			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Aluminum	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-2	Lab	LCS	12/13/2022	Metal	Aluminum	Dissolved	=	48.6	µg/L	EPA 200.8	4.4	20			

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Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Aluminum	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Aluminum	Dissolved	=	120	µg/L	EPA 200.8	4.4	20			GB
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Aluminum	Dissolved	=	240	%	EPA 200.8	-88	-88	70	130	GB
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Aluminum	Dissolved	=	119	µg/L	EPA 200.8	4.4	20			GB
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Aluminum	Dissolved	=	239	%	EPA 200.8	-88	-88	70	130	GB
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Aluminum	Dissolved	=	0.5	%	EPA 200.8	-88	-88	0	30	GB
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Aluminum	Total	=	60.3	µg/L	EPA 200.8	4.4	20			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Aluminum	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Aluminum	Total	=	61.5	µg/L	EPA 200.8	4.4	20			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Aluminum	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-2	Lab	LCS	12/12/2022	Metal	Aluminum	Total	=	50.6	µg/L	EPA 200.8	4.4	20			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Aluminum	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-2	Lab	LCS	12/13/2022	Metal	Aluminum	Total	=	48.6	µg/L	EPA 200.8	4.4	20			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Aluminum	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Aluminum	Total	=	120	µg/L	EPA 200.8	4.4	20			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Aluminum	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Aluminum	Total	=	119	µg/L	EPA 200.8	4.4	20			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Aluminum	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Aluminum	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-FIL	matrix spike	12/13/2022	Metal	Aluminum	Total	=	346	µg/L	EPA 200.8	4.4	20			
2022/23-2	MO-FIL	matrix spike, rec	12/13/2022	Metal	Aluminum	Total	=	81	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike dup	12/13/2022	Metal	Aluminum	Total	=	355	µg/L	EPA 200.8	4.4	20			
2022/23-2	MO-FIL	matrix spike dup, rec	12/13/2022	Metal	Aluminum	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike, RPD	12/13/2022	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-HUE	matrix spike	12/13/2022	Metal	Aluminum	Total	=	242	µg/L	EPA 200.8	4.4	20			
2022/23-2	MO-HUE	matrix spike, rec	12/13/2022	Metal	Aluminum	Total	=	75	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike dup	12/13/2022	Metal	Aluminum	Total	=	245	µg/L	EPA 200.8	4.4	20			
2022/23-2	MO-HUE	matrix spike dup, rec	12/13/2022	Metal	Aluminum	Total	=	81	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike, RPD	12/13/2022	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Antimony	Dissolved	=	49.9	µg/L	EPA 200.8	0.089	0.5			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Antimony	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Antimony	Dissolved	=	50.2	µg/L	EPA 200.8	0.089	0.5			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Antimony	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Antimony	Dissolved	=	0.6	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-2	Lab	LCS	12/12/2022	Metal	Antimony	Dissolved	=	49.7	µg/L	EPA 200.8	0.089	0.5			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Antimony	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-2	Lab	LCS	12/13/2022	Metal	Antimony	Dissolved	=	49.3	µg/L	EPA 200.8	0.089	0.5			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Antimony	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Antimony	Dissolved	=	50.7	µg/L	EPA 200.8	0.089	0.5			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Antimony	Dissolved	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Antimony	Dissolved	=	51.4	µg/L	EPA 200.8	0.089	0.5			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Antimony	Dissolved	=	103	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Antimony	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Antimony	Total	=	49.9	µg/L	EPA 200.8	0.089	0.5			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Antimony	Total	=	50.2	µg/L	EPA 200.8	0.089	0.5			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Antimony	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-2	Lab	LCS	12/12/2022	Metal	Antimony	Total	=	49.7	µg/L	EPA 200.8	0.089	0.5			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-2	Lab	LCS	12/13/2022	Metal	Antimony	Total	=	49.3	µg/L	EPA 200.8	0.089	0.5			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Antimony	Total	=	50.7	µg/L	EPA 200.8	0.089	0.5			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Antimony	Total	=	51.4	µg/L	EPA 200.8	0.089	0.5			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Antimony	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-FIL	matrix spike	12/13/2022	Metal	Antimony	Total	=	50.4	µg/L	EPA 200.8	0.089	0.5			
2022/23-2	MO-FIL	matrix spike, rec	12/13/2022	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike dup	12/13/2022	Metal	Antimony	Total	=	50.3	µg/L	EPA 200.8	0.089	0.5			
2022/23-2	MO-FIL	matrix spike dup, rec	12/13/2022	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike, RPD	12/13/2022	Metal	Antimony	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-HUE	matrix spike	12/13/2022	Metal	Antimony	Total	=	50.8	µg/L	EPA 200.8	0.089	0.5			
2022/23-2	MO-HUE	matrix spike, rec	12/13/2022	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike dup	12/13/2022	Metal	Antimony	Total	=	50.1	µg/L	EPA 200.8	0.089	0.5			
2022/23-2	MO-HUE	matrix spike dup, rec	12/13/2022	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike, RPD	12/13/2022	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Arsenic	Dissolved	=	50.7	µg/L	EPA 200.8	0.074	0.4			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Arsenic	Dissolved	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Arsenic	Dissolved	=	51.2	µg/L	EPA 200.8	0.074	0.4			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Arsenic	Dissolved	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Arsenic	Dissolved	=	0.8	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-2	Lab	LCS	12/12/2022	Metal	Arsenic	Dissolved	=	50.7	µg/L	EPA 200.8	0.074	0.4			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Arsenic	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-2	Lab	LCS	12/13/2022	Metal	Arsenic	Dissolved	=	50.6	µg/L	EPA 200.8	0.074	0.4			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Arsenic	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Arsenic	Dissolved	=	52.8	µg/L	EPA 200.8	0.074	0.4			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Arsenic	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Arsenic	Dissolved	=	53.9	µg/L	EPA 200.8	0.074	0.4			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Arsenic	Dissolved	=	106	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Arsenic	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Arsenic	Total	=	50.7	µg/L	EPA 200.8	0.074	0.4			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Arsenic	Total	=	51.2	µg/L	EPA 200.8	0.074	0.4			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Arsenic	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-2	Lab	LCS	12/12/2022	Metal	Arsenic	Total	=	50.7	µg/L	EPA 200.8	0.074	0.4			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-2	Lab	LCS	12/13/2022	Metal	Arsenic	Total	=	50.6	µg/L	EPA 200.8	0.074	0.4			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Arsenic	Total	=	52.8	µg/L	EPA 200.8	0.074	0.4			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Arsenic	Total	=	53.9	µg/L	EPA 200.8	0.074	0.4			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Arsenic	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-FIL	matrix spike	12/13/2022	Metal	Arsenic	Total	=	52	µg/L	EPA 200.8	0.074	0.4			
2022/23-2	MO-FIL	matrix spike, rec	12/13/2022	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike dup	12/13/2022	Metal	Arsenic	Total	=	51.7	µg/L	EPA 200.8	0.074	0.4			
2022/23-2	MO-FIL	matrix spike dup, rec	12/13/2022	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike, RPD	12/13/2022	Metal	Arsenic	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-HUE	matrix spike	12/13/2022	Metal	Arsenic	Total	=	52.8	µg/L	EPA 200.8	0.074	0.4			
2022/23-2	MO-HUE	matrix spike, rec	12/13/2022	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike dup	12/13/2022	Metal	Arsenic	Total	=	51.7	µg/L	EPA 200.8	0.074	0.4			
2022/23-2	MO-HUE	matrix spike dup, rec	12/13/2022	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike, RPD	12/13/2022	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Barium	Total	=	49.4	µg/L	EPA 200.8	0.14	1			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Barium	Total	=	49.9	µg/L	EPA 200.8	0.14	1			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2022/23-2	Lab	LCS	12/12/2022	Metal	Barium	Total	=	48.3	µg/L	EPA 200.8	0.14	1			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2022/23-2	Lab	LCS	12/13/2022	Metal	Barium	Total	=	48.9	µg/L	EPA 200.8	0.14	1			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Barium	Total	=	104	µg/L	EPA 200.8	0.14	1			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Barium	Total	=	104	µg/L	EPA 200.8	0.14	1			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Barium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-FIL	matrix spike	12/13/2022	Metal	Barium	Total	=	66.2	µg/L	EPA 200.8	0.14	1			
2022/23-2	MO-FIL	matrix spike, rec	12/13/2022	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike dup	12/13/2022	Metal	Barium	Total	=	65.7	µg/L	EPA 200.8	0.14	1			
2022/23-2	MO-FIL	matrix spike dup, rec	12/13/2022	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike, RPD	12/13/2022	Metal	Barium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-HUE	matrix spike	12/13/2022	Metal	Barium	Total	=	107	µg/L	EPA 200.8	0.14	1			
2022/23-2	MO-HUE	matrix spike, rec	12/13/2022	Metal	Barium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike dup	12/13/2022	Metal	Barium	Total	=	104	µg/L	EPA 200.8	0.14	1			
2022/23-2	MO-HUE	matrix spike dup, rec	12/13/2022	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	MO-HUE	matrix spike, RPD	12/13/2022	Metal	Barium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Beryllium	Dissolved	=	46.9	µg/L	EPA 200.8	0.062	0.1			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Beryllium	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Beryllium	Dissolved	=	48.3	µg/L	EPA 200.8	0.062	0.1			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Beryllium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Beryllium	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2022/23-2	Lab	LCS	12/12/2022	Metal	Beryllium	Dissolved	=	48.1	µg/L	EPA 200.8	0.062	0.1			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Beryllium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2022/23-2	Lab	LCS	12/13/2022	Metal	Beryllium	Dissolved	=	48.4	µg/L	EPA 200.8	0.062	0.1			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Beryllium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Beryllium	Dissolved	=	50.3	µg/L	EPA 200.8	0.062	0.1			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Beryllium	Dissolved	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Beryllium	Dissolved	=	51.1	µg/L	EPA 200.8	0.062	0.1			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Beryllium	Dissolved	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Beryllium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Beryllium	Total	=	46.9	µg/L	EPA 200.8	0.029	0.1			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Beryllium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Beryllium	Total	=	48.3	µg/L	EPA 200.8	0.029	0.1			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Beryllium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1			
2022/23-2	Lab	LCS	12/12/2022	Metal	Beryllium	Total	=	48.1	µg/L	EPA 200.8	0.029	0.1			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1			
2022/23-2	Lab	LCS	12/13/2022	Metal	Beryllium	Total	=	48.4	µg/L	EPA 200.8	0.029	0.1			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Beryllium	Total	=	50.3	µg/L	EPA 200.8	0.029	0.1			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Beryllium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Beryllium	Total	=	51.1	µg/L	EPA 200.8	0.029	0.1			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Beryllium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-FIL	matrix spike	12/13/2022	Metal	Beryllium	Total	=	50.3	µg/L	EPA 200.8	0.029	0.1			
2022/23-2	MO-FIL	matrix spike, rec	12/13/2022	Metal	Beryllium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike dup	12/13/2022	Metal	Beryllium	Total	=	50.1	µg/L	EPA 200.8	0.029	0.1			
2022/23-2	MO-FIL	matrix spike dup, rec	12/13/2022	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike, RPD	12/13/2022	Metal	Beryllium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-HUE	matrix spike	12/13/2022	Metal	Beryllium	Total	=	48.3	µg/L	EPA 200.8	0.029	0.1			
2022/23-2	MO-HUE	matrix spike, rec	12/13/2022	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike dup	12/13/2022	Metal	Beryllium	Total	=	48.7	µg/L	EPA 200.8	0.029	0.1			
2022/23-2	MO-HUE	matrix spike dup, rec	12/13/2022	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike, RPD	12/13/2022	Metal	Beryllium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Cadmium	Dissolved	=	49	µg/L	EPA 200.8	0.042	0.2			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Cadmium	Dissolved	=	49.1	µg/L	EPA 200.8	0.042	0.2			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Cadmium	Dissolved	=	0.1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-2	Lab	LCS	12/12/2022	Metal	Cadmium	Dissolved	=	49.4	µg/L	EPA 200.8	0.042	0.2			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Cadmium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-2	Lab	LCS	12/13/2022	Metal	Cadmium	Dissolved	=	49.3	µg/L	EPA 200.8	0.042	0.2			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Cadmium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Cadmium	Dissolved	=	49.2	µg/L	EPA 200.8	0.042	0.2			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Cadmium	Dissolved	=	48.7	µg/L	EPA 200.8	0.042	0.2			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Cadmium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Cadmium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Cadmium	Total	=	49	µg/L	EPA 200.8	0.042	0.2			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Cadmium	Total	=	49.1	µg/L	EPA 200.8	0.042	0.2			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Cadmium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-2	Lab	LCS	12/12/2022	Metal	Cadmium	Total	=	49.4	µg/L	EPA 200.8	0.042	0.2			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-2	Lab	LCS	12/13/2022	Metal	Cadmium	Total	=	49.3	µg/L	EPA 200.8	0.042	0.2			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Cadmium	Total	=	49.2	µg/L	EPA 200.8	0.042	0.2			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Cadmium	Total	=	48.7	µg/L	EPA 200.8	0.042	0.2			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Cadmium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-FIL	matrix spike	12/13/2022	Metal	Cadmium	Total	=	50.4	µg/L	EPA 200.8	0.042	0.2			
2022/23-2	MO-FIL	matrix spike, rec	12/13/2022	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike dup	12/13/2022	Metal	Cadmium	Total	=	49.5	µg/L	EPA 200.8	0.042	0.2			
2022/23-2	MO-FIL	matrix spike dup, rec	12/13/2022	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike, RPD	12/13/2022	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-HUE	matrix spike	12/13/2022	Metal	Cadmium	Total	=	46.9	µg/L	EPA 200.8	0.042	0.2			
2022/23-2	MO-HUE	matrix spike, rec	12/13/2022	Metal	Cadmium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike dup	12/13/2022	Metal	Cadmium	Total	=	46.1	µg/L	EPA 200.8	0.042	0.2			
2022/23-2	MO-HUE	matrix spike dup, rec	12/13/2022	Metal	Cadmium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike, RPD	12/13/2022	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Chromium	Dissolved	=	51.5	µg/L	EPA 200.8	0.089	0.2			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Chromium	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Chromium	Dissolved	=	51.2	µg/L	EPA 200.8	0.089	0.2			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Chromium	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Chromium	Dissolved	=	0.5	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-2	Lab	LCS	12/12/2022	Metal	Chromium	Dissolved	=	50	µg/L	EPA 200.8	0.089	0.2			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Chromium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	LCS	12/13/2022	Metal	Chromium	Dissolved	=	50.3	µg/L	EPA 200.8	0.089	0.2			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Chromium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Chromium	Dissolved	=	49.8	µg/L	EPA 200.8	0.089	0.2			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Chromium	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Chromium	Dissolved	=	49.8	µg/L	EPA 200.8	0.089	0.2			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Chromium	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Chromium	Dissolved	=	0.07	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Chromium	Total	=	51.5	µg/L	EPA 200.8	0.089	0.2			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Chromium	Total	=	51.2	µg/L	EPA 200.8	0.089	0.2			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Chromium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-2	Lab	LCS	12/12/2022	Metal	Chromium	Total	=	50	µg/L	EPA 200.8	0.089	0.2			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-2	Lab	LCS	12/13/2022	Metal	Chromium	Total	=	50.3	µg/L	EPA 200.8	0.089	0.2			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Chromium	Total	=	49.8	µg/L	EPA 200.8	0.089	0.2			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Chromium	Total	=	49.8	µg/L	EPA 200.8	0.089	0.2			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Chromium	Total	=	0.07	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-FIL	matrix spike	12/13/2022	Metal	Chromium	Total	=	52.3	µg/L	EPA 200.8	0.089	0.2			
2022/23-2	MO-FIL	matrix spike, rec	12/13/2022	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike dup	12/13/2022	Metal	Chromium	Total	=	52.2	µg/L	EPA 200.8	0.089	0.2			
2022/23-2	MO-FIL	matrix spike dup, rec	12/13/2022	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike, RPD	12/13/2022	Metal	Chromium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-HUE	matrix spike	12/13/2022	Metal	Chromium	Total	=	48	µg/L	EPA 200.8	0.089	0.2			
2022/23-2	MO-HUE	matrix spike, rec	12/13/2022	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike dup	12/13/2022	Metal	Chromium	Total	=	47.4	µg/L	EPA 200.8	0.089	0.2			
2022/23-2	MO-HUE	matrix spike dup, rec	12/13/2022	Metal	Chromium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike, RPD	12/13/2022	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/6/2022	Metal	Chromium VI	n/a	=	7.45	µg/L	EPA 218.6	0.0079	0.02			
2022/23-2	000NONPJ	matrix spike, rec	12/6/2022	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2022/23-2	000NONPJ	matrix spike dup	12/6/2022	Metal	Chromium VI	n/a	=	7.54	µg/L	EPA 218.6	0.0079	0.02			
2022/23-2	000NONPJ	matrix spike dup, rec	12/6/2022	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2022/23-2	000NONPJ	matrix spike, RPD	12/6/2022	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	
2022/23-2	000NONPJ	matrix spike	12/6/2022	Metal	Chromium VI	n/a	=	4.84	µg/L	EPA 218.6	0.0079	0.02			
2022/23-2	000NONPJ	matrix spike, rec	12/6/2022	Metal	Chromium VI	n/a	=	97	%	EPA 218.6	-88	-88	88	112	
2022/23-2	000NONPJ	matrix spike dup	12/6/2022	Metal	Chromium VI	n/a	=	4.92	µg/L	EPA 218.6	0.0079	0.02			
2022/23-2	000NONPJ	matrix spike dup, rec	12/6/2022	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	88	112	
2022/23-2	000NONPJ	matrix spike, RPD	12/6/2022	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Chromium VI	n/a	=	30.2	µg/L	EPA 218.6	0.0079	0.02			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Chromium VI	n/a	=	93	%	EPA 218.6	-88	-88	88	112	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Chromium VI	n/a	=	30.6	µg/L	EPA 218.6	0.0079	0.02			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QA/QC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Chromium VI	n/a	=	12.5	µg/L	EPA 218.6	0.0079	0.02			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Chromium VI	n/a	=	94	%	EPA 218.6	-88	-88	88	112	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Chromium VI	n/a	=	12.5	µg/L	EPA 218.6	0.0079	0.02			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Chromium VI	n/a	=	95	%	EPA 218.6	-88	-88	88	112	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Chromium VI	n/a	=	0.2	%	EPA 218.6	-88	-88	0	10	
2022/23-2	Lab	LCS	12/6/2022	Metal	Chromium VI	n/a	=	4.94	µg/L	EPA 218.6	0.0079	0.02			
2022/23-2	Lab	LCS, rec	12/6/2022	Metal	Chromium VI	n/a	=	99	%	EPA 218.6	-88	-88	90	110	
2022/23-2	Lab	method blank	12/6/2022	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2022/23-2	Lab	method blank	12/12/2022	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2022/23-2	Lab	LCS	12/12/2022	Metal	Chromium VI	n/a	=	5.05	µg/L	EPA 218.6	0.0079	0.02			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	90	110	
2022/23-2	ME-CC	matrix spike	12/6/2022	Metal	Chromium VI	n/a	=	5.26	µg/L	EPA 218.6	0.0079	0.02			
2022/23-2	ME-CC	matrix spike, rec	12/6/2022	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	88	112	
2022/23-2	ME-CC	matrix spike dup	12/6/2022	Metal	Chromium VI	n/a	=	5.42	µg/L	EPA 218.6	0.0079	0.02			
2022/23-2	ME-CC	matrix spike dup, rec	12/6/2022	Metal	Chromium VI	n/a	=	106	%	EPA 218.6	-88	-88	88	112	
2022/23-2	ME-CC	matrix spike, RPD	12/6/2022	Metal	Chromium VI	n/a	=	3	%	EPA 218.6	-88	-88	0	10	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Copper	Dissolved	=	51.2	µg/L	EPA 200.8	0.23	0.5			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Copper	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Copper	Dissolved	=	51.2	µg/L	EPA 200.8	0.23	0.5			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Copper	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Copper	Dissolved	=	0.1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-2	Lab	LCS	12/12/2022	Metal	Copper	Dissolved	=	49.9	µg/L	EPA 200.8	0.23	0.5			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Copper	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-2	Lab	LCS	12/13/2022	Metal	Copper	Dissolved	=	50.4	µg/L	EPA 200.8	0.23	0.5			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Copper	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Copper	Dissolved	=	49	µg/L	EPA 200.8	0.23	0.5			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Copper	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Copper	Dissolved	=	49.1	µg/L	EPA 200.8	0.23	0.5			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Copper	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Copper	Dissolved	=	0.2	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Copper	Total	=	51.2	µg/L	EPA 200.8	0.23	0.5			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Copper	Total	=	51.2	µg/L	EPA 200.8	0.23	0.5			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Copper	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-2	Lab	LCS	12/12/2022	Metal	Copper	Total	=	49.9	µg/L	EPA 200.8	0.23	0.5			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-2	Lab	LCS	12/13/2022	Metal	Copper	Total	=	50.4	µg/L	EPA 200.8	0.23	0.5			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Copper	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Copper	Total	=	49	µg/L	EPA 200.8	0.23	0.5			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Copper	Total	=	49.1	µg/L	EPA 200.8	0.23	0.5			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Copper	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-FIL	matrix spike	12/13/2022	Metal	Copper	Total	=	60.3	µg/L	EPA 200.8	0.23	0.5			
2022/23-2	MO-FIL	matrix spike, rec	12/13/2022	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike dup	12/13/2022	Metal	Copper	Total	=	60.3	µg/L	EPA 200.8	0.23	0.5			
2022/23-2	MO-FIL	matrix spike dup, rec	12/13/2022	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike, RPD	12/13/2022	Metal	Copper	Total	=	0.06	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-HUE	matrix spike	12/13/2022	Metal	Copper	Total	=	46.3	µg/L	EPA 200.8	0.23	0.5			
2022/23-2	MO-HUE	matrix spike, rec	12/13/2022	Metal	Copper	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike dup	12/13/2022	Metal	Copper	Total	=	46	µg/L	EPA 200.8	0.23	0.5			
2022/23-2	MO-HUE	matrix spike dup, rec	12/13/2022	Metal	Copper	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike, RPD	12/13/2022	Metal	Copper	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Iron	Dissolved	=	1110	µg/L	EPA 200.8	3.9	20			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Iron	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Iron	Dissolved	=	1110	µg/L	EPA 200.8	3.9	20			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Iron	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Iron	Dissolved	=	0.09	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-2	Lab	LCS	12/12/2022	Metal	Iron	Dissolved	=	1120	µg/L	EPA 200.8	3.9	20			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Iron	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-2	Lab	LCS	12/13/2022	Metal	Iron	Dissolved	=	1070	µg/L	EPA 200.8	3.9	20			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Iron	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Iron	Dissolved	=	1740	µg/L	EPA 200.8	3.9	20			GB
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Iron	Dissolved	=	165	%	EPA 200.8	-88	-88	70	130	GB
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Iron	Dissolved	=	1850	µg/L	EPA 200.8	3.9	20			GB
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Iron	Dissolved	=	176	%	EPA 200.8	-88	-88	70	130	GB
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Iron	Dissolved	=	6	%	EPA 200.8	-88	-88	0	30	GB
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Iron	Total	=	1110	µg/L	EPA 200.8	3.9	20			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Iron	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Iron	Total	=	1110	µg/L	EPA 200.8	3.9	20			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Iron	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Iron	Total	=	0.09	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-2	Lab	LCS	12/12/2022	Metal	Iron	Total	=	1120	µg/L	EPA 200.8	3.9	20			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Iron	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-2	Lab	LCS	12/13/2022	Metal	Iron	Total	=	1070	µg/L	EPA 200.8	3.9	20			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Iron	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Iron	Total	=	1740	µg/L	EPA 200.8	3.9	20			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Iron	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Iron	Total	=	1850	µg/L	EPA 200.8	3.9	20			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Iron	Total	=	117	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Iron	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-FIL	matrix spike	12/13/2022	Metal	Iron	Total	=	1510	µg/L	EPA 200.8	3.9	20			
2022/23-2	MO-FIL	matrix spike, rec	12/13/2022	Metal	Iron	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike dup	12/13/2022	Metal	Iron	Total	=	1500	µg/L	EPA 200.8	3.9	20			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	MO-FIL	matrix spike dup, rec	12/13/2022	Metal	Iron	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike, RPD	12/13/2022	Metal	Iron	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-HUE	matrix spike	12/13/2022	Metal	Iron	Total	=	2970	µg/L	EPA 200.8	3.9	20			
2022/23-2	MO-HUE	matrix spike, rec	12/13/2022	Metal	Iron	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike dup	12/13/2022	Metal	Iron	Total	=	2930	µg/L	EPA 200.8	3.9	20			
2022/23-2	MO-HUE	matrix spike dup, rec	12/13/2022	Metal	Iron	Total	=	83	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike, RPD	12/13/2022	Metal	Iron	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Lead	Dissolved	=	49.2	µg/L	EPA 200.8	0.083	0.2			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Lead	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Lead	Dissolved	=	49.2	µg/L	EPA 200.8	0.083	0.2			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Lead	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Lead	Dissolved	=	0.09	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-2	Lab	LCS	12/12/2022	Metal	Lead	Dissolved	=	48.7	µg/L	EPA 200.8	0.083	0.2			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Lead	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-2	Lab	LCS	12/13/2022	Metal	Lead	Dissolved	=	49.5	µg/L	EPA 200.8	0.083	0.2			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Lead	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Lead	Dissolved	=	50.3	µg/L	EPA 200.8	0.083	0.2			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Lead	Dissolved	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Lead	Dissolved	=	49.9	µg/L	EPA 200.8	0.083	0.2			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Lead	Dissolved	=	0.9	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Lead	Total	=	49.2	µg/L	EPA 200.8	0.083	0.2			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Lead	Total	=	49.2	µg/L	EPA 200.8	0.083	0.2			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Lead	Total	=	0.09	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-2	Lab	LCS	12/12/2022	Metal	Lead	Total	=	48.7	µg/L	EPA 200.8	0.083	0.2			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-2	Lab	LCS	12/13/2022	Metal	Lead	Total	=	49.5	µg/L	EPA 200.8	0.083	0.2			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Lead	Total	=	50.3	µg/L	EPA 200.8	0.083	0.2			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Lead	Total	=	49.9	µg/L	EPA 200.8	0.083	0.2			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Lead	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-FIL	matrix spike	12/13/2022	Metal	Lead	Total	=	51.1	µg/L	EPA 200.8	0.083	0.2			
2022/23-2	MO-FIL	matrix spike, rec	12/13/2022	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike dup	12/13/2022	Metal	Lead	Total	=	50.7	µg/L	EPA 200.8	0.083	0.2			
2022/23-2	MO-FIL	matrix spike dup, rec	12/13/2022	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike, RPD	12/13/2022	Metal	Lead	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-HUE	matrix spike	12/13/2022	Metal	Lead	Total	=	52.2	µg/L	EPA 200.8	0.083	0.2			
2022/23-2	MO-HUE	matrix spike, rec	12/13/2022	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike dup	12/13/2022	Metal	Lead	Total	=	51.5	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	
2022/23-2	MO-HUE	matrix spike dup, rec	12/13/2022	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike, RPD	12/13/2022	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/13/2022	Metal	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50			
2022/23-2	Lab	LCS	12/13/2022	Metal	Mercury	Dissolved	=	1130	ng/L	EPA 245.1	37	50			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Mercury	Dissolved	=	113	%	EPA 245.1	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50			
2022/23-2	Lab	LCS	12/13/2022	Metal	Mercury	Dissolved	=	1080	ng/L	EPA 245.1	37	50			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Mercury	Dissolved	=	108	%	EPA 245.1	-88	-88	85	115	
2022/23-2	ME-CC	matrix spike	12/13/2022	Metal	Mercury	Dissolved	=	1080	ng/L	EPA 245.1	37	50			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Metal	Mercury	Dissolved	=	108	%	EPA 245.1	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Metal	Mercury	Dissolved	=	1060	ng/L	EPA 245.1	37	50			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Metal	Mercury	Dissolved	=	106	%	EPA 245.1	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Metal	Mercury	Dissolved	=	2	%	EPA 245.1	-88	-88	0	20	
2022/23-2	MO-MPK	matrix spike	12/13/2022	Metal	Mercury	Dissolved	=	1180	ng/L	EPA 245.1	37	50			
2022/23-2	MO-MPK	matrix spike, rec	12/13/2022	Metal	Mercury	Dissolved	=	118	%	EPA 245.1	-88	-88	70	130	
2022/23-2	MO-MPK	matrix spike dup	12/13/2022	Metal	Mercury	Dissolved	=	1090	ng/L	EPA 245.1	37	50			
2022/23-2	MO-MPK	matrix spike dup, rec	12/13/2022	Metal	Mercury	Dissolved	=	109	%	EPA 245.1	-88	-88	70	130	
2022/23-2	MO-MPK	matrix spike, RPD	12/13/2022	Metal	Mercury	Dissolved	=	8	%	EPA 245.1	-88	-88	0	20	
2022/23-2	MO-SIM	matrix spike	12/13/2022	Metal	Mercury	Dissolved	=	1070	ng/L	EPA 245.1	37	50			
2022/23-2	MO-SIM	matrix spike, rec	12/13/2022	Metal	Mercury	Dissolved	=	107	%	EPA 245.1	-88	-88	70	130	
2022/23-2	MO-SIM	matrix spike dup	12/13/2022	Metal	Mercury	Dissolved	=	1090	ng/L	EPA 245.1	37	50			
2022/23-2	MO-SIM	matrix spike dup, rec	12/13/2022	Metal	Mercury	Dissolved	=	109	%	EPA 245.1	-88	-88	70	130	
2022/23-2	MO-SIM	matrix spike, RPD	12/13/2022	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	
2022/23-2	Lab	method blank	12/13/2022	Metal	Mercury	Total	<	37	ng/L	EPA 245.1	37	50			
2022/23-2	Lab	LCS	12/13/2022	Metal	Mercury	Total	=	1130	ng/L	EPA 245.1	37	50			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Mercury	Total	=	113	%	EPA 245.1	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Mercury	Total	<	37	ng/L	EPA 245.1	37	50			
2022/23-2	Lab	LCS	12/13/2022	Metal	Mercury	Total	=	1080	ng/L	EPA 245.1	37	50			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Mercury	Total	=	108	%	EPA 245.1	-88	-88	85	115	
2022/23-2	ME-CC	matrix spike	12/13/2022	Metal	Mercury	Total	=	1080	ng/L	EPA 245.1	37	50			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Metal	Mercury	Total	=	108	%	EPA 245.1	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	37	50			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Metal	Mercury	Total	=	106	%	EPA 245.1	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2022/23-2	MO-MPK	matrix spike	12/13/2022	Metal	Mercury	Total	=	1180	ng/L	EPA 245.1	37	50			
2022/23-2	MO-MPK	matrix spike, rec	12/13/2022	Metal	Mercury	Total	=	118	%	EPA 245.1	-88	-88	70	130	
2022/23-2	MO-MPK	matrix spike dup	12/13/2022	Metal	Mercury	Total	=	1090	ng/L	EPA 245.1	37	50			
2022/23-2	MO-MPK	matrix spike dup, rec	12/13/2022	Metal	Mercury	Total	=	109	%	EPA 245.1	-88	-88	70	130	
2022/23-2	MO-MPK	matrix spike, RPD	12/13/2022	Metal	Mercury	Total	=	8	%	EPA 245.1	-88	-88	0	20	
2022/23-2	MO-SIM	matrix spike	12/13/2022	Metal	Mercury	Total	=	1070	ng/L	EPA 245.1	37	50			
2022/23-2	MO-SIM	matrix spike, rec	12/13/2022	Metal	Mercury	Total	=	107	%	EPA 245.1	-88	-88	70	130	
2022/23-2	MO-SIM	matrix spike dup	12/13/2022	Metal	Mercury	Total	=	1090	ng/L	EPA 245.1	37	50			
2022/23-2	MO-SIM	matrix spike dup, rec	12/13/2022	Metal	Mercury	Total	=	109	%	EPA 245.1	-88	-88	70	130	
2022/23-2	MO-SIM	matrix spike, RPD	12/13/2022	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Nickel	Dissolved	=	49.7	µg/L	EPA 200.8	0.16	2			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Nickel	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Nickel	Dissolved	=	49.1	µg/L	EPA 200.8	0.16	2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Nickel	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Nickel	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Nickel	Dissolved	DNQ	0.252	µg/L	EPA 200.8	0.16	2			IP
2022/23-2	Lab	LCS	12/12/2022	Metal	Nickel	Dissolved	=	49.7	µg/L	EPA 200.8	0.16	2			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Nickel	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2022/23-2	Lab	LCS	12/13/2022	Metal	Nickel	Dissolved	=	50.5	µg/L	EPA 200.8	0.16	2			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Nickel	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Nickel	Dissolved	=	51.7	µg/L	EPA 200.8	0.16	2			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Nickel	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Nickel	Dissolved	=	52	µg/L	EPA 200.8	0.16	2			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Nickel	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Nickel	Dissolved	=	0.7	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Nickel	Total	=	49.7	µg/L	EPA 200.8	0.16	2			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Nickel	Total	=	49.1	µg/L	EPA 200.8	0.16	2			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2022/23-2	Lab	LCS	12/12/2022	Metal	Nickel	Total	=	49.7	µg/L	EPA 200.8	0.16	2			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2022/23-2	Lab	LCS	12/13/2022	Metal	Nickel	Total	=	50.5	µg/L	EPA 200.8	0.16	2			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Nickel	Total	=	51.7	µg/L	EPA 200.8	0.16	2			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Nickel	Total	=	52	µg/L	EPA 200.8	0.16	2			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Nickel	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-FIL	matrix spike	12/13/2022	Metal	Nickel	Total	=	52.6	µg/L	EPA 200.8	0.16	2			
2022/23-2	MO-FIL	matrix spike, rec	12/13/2022	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike dup	12/13/2022	Metal	Nickel	Total	=	53.3	µg/L	EPA 200.8	0.16	2			
2022/23-2	MO-FIL	matrix spike dup, rec	12/13/2022	Metal	Nickel	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike, RPD	12/13/2022	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-HUE	matrix spike	12/13/2022	Metal	Nickel	Total	=	45.8	µg/L	EPA 200.8	0.16	2			
2022/23-2	MO-HUE	matrix spike, rec	12/13/2022	Metal	Nickel	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike dup	12/13/2022	Metal	Nickel	Total	=	44.9	µg/L	EPA 200.8	0.16	2			
2022/23-2	MO-HUE	matrix spike dup, rec	12/13/2022	Metal	Nickel	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike, RPD	12/13/2022	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Selenium	Dissolved	=	48.4	µg/L	EPA 200.8	0.067	0.4			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Selenium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Selenium	Dissolved	=	49.2	µg/L	EPA 200.8	0.067	0.4			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Selenium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Selenium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-2	Lab	LCS	12/12/2022	Metal	Selenium	Dissolved	=	49.6	µg/L	EPA 200.8	0.067	0.4			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Selenium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	method blank	12/13/2022	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-2	Lab	LCS	12/13/2022	Metal	Selenium	Dissolved	=	49.1	µg/L	EPA 200.8	0.067	0.4			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Selenium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Selenium	Dissolved	=	49.6	µg/L	EPA 200.8	0.067	0.4			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Selenium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Selenium	Dissolved	=	50.1	µg/L	EPA 200.8	0.067	0.4			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Selenium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Selenium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Selenium	Total	=	48.4	µg/L	EPA 200.8	0.067	0.4			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Selenium	Total	=	49.2	µg/L	EPA 200.8	0.067	0.4			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-2	Lab	LCS	12/12/2022	Metal	Selenium	Total	=	49.6	µg/L	EPA 200.8	0.067	0.4			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-2	Lab	LCS	12/13/2022	Metal	Selenium	Total	=	49.1	µg/L	EPA 200.8	0.067	0.4			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Selenium	Total	=	49.6	µg/L	EPA 200.8	0.067	0.4			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Selenium	Total	=	50.1	µg/L	EPA 200.8	0.067	0.4			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-FIL	matrix spike	12/13/2022	Metal	Selenium	Total	=	49.8	µg/L	EPA 200.8	0.067	0.4			
2022/23-2	MO-FIL	matrix spike, rec	12/13/2022	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike dup	12/13/2022	Metal	Selenium	Total	=	49.8	µg/L	EPA 200.8	0.067	0.4			
2022/23-2	MO-FIL	matrix spike dup, rec	12/13/2022	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike, RPD	12/13/2022	Metal	Selenium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-HUE	matrix spike	12/13/2022	Metal	Selenium	Total	=	48.2	µg/L	EPA 200.8	0.067	0.4			
2022/23-2	MO-HUE	matrix spike, rec	12/13/2022	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike dup	12/13/2022	Metal	Selenium	Total	=	47.1	µg/L	EPA 200.8	0.067	0.4			
2022/23-2	MO-HUE	matrix spike dup, rec	12/13/2022	Metal	Selenium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike, RPD	12/13/2022	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Silver	Dissolved	=	48.4	µg/L	EPA 200.8	0.03	0.2			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Silver	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Silver	Dissolved	=	48.7	µg/L	EPA 200.8	0.03	0.2			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Silver	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Silver	Dissolved	=	0.7	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2022/23-2	Lab	LCS	12/12/2022	Metal	Silver	Dissolved	=	49.3	µg/L	EPA 200.8	0.03	0.2			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Silver	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2022/23-2	Lab	LCS	12/13/2022	Metal	Silver	Dissolved	=	48.1	µg/L	EPA 200.8	0.03	0.2			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Silver	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Silver	Dissolved	=	47.8	µg/L	EPA 200.8	0.03	0.2			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Silver	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QA/QC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Silver	Dissolved	=	48.1	µg/L	EPA 200.8	0.03	0.2			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Silver	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Silver	Dissolved	=	0.6	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Silver	Total	=	48.4	µg/L	EPA 200.8	0.13	0.2			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Silver	Total	=	48.7	µg/L	EPA 200.8	0.13	0.2			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Silver	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2			
2022/23-2	Lab	LCS	12/12/2022	Metal	Silver	Total	=	49.3	µg/L	EPA 200.8	0.13	0.2			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2			
2022/23-2	Lab	LCS	12/13/2022	Metal	Silver	Total	=	48.1	µg/L	EPA 200.8	0.13	0.2			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Silver	Total	=	47.8	µg/L	EPA 200.8	0.13	0.2			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Silver	Total	=	48.1	µg/L	EPA 200.8	0.13	0.2			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Silver	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-FIL	matrix spike	12/13/2022	Metal	Silver	Total	=	48.7	µg/L	EPA 200.8	0.13	0.2			
2022/23-2	MO-FIL	matrix spike, rec	12/13/2022	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike dup	12/13/2022	Metal	Silver	Total	=	48.4	µg/L	EPA 200.8	0.13	0.2			
2022/23-2	MO-FIL	matrix spike dup, rec	12/13/2022	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike, RPD	12/13/2022	Metal	Silver	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-HUE	matrix spike	12/13/2022	Metal	Silver	Total	=	45.7	µg/L	EPA 200.8	0.13	0.2			
2022/23-2	MO-HUE	matrix spike, rec	12/13/2022	Metal	Silver	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike dup	12/13/2022	Metal	Silver	Total	=	44.5	µg/L	EPA 200.8	0.13	0.2			
2022/23-2	MO-HUE	matrix spike dup, rec	12/13/2022	Metal	Silver	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike, RPD	12/13/2022	Metal	Silver	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Thallium	Dissolved	=	49	µg/L	EPA 200.8	0.021	0.2			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Thallium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Thallium	Dissolved	=	49	µg/L	EPA 200.8	0.021	0.2			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Thallium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Thallium	Dissolved	=	0.06	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-2	Lab	LCS	12/12/2022	Metal	Thallium	Dissolved	=	48.2	µg/L	EPA 200.8	0.021	0.2			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Thallium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-2	Lab	LCS	12/13/2022	Metal	Thallium	Dissolved	=	48.5	µg/L	EPA 200.8	0.021	0.2			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Thallium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Thallium	Dissolved	=	50.1	µg/L	EPA 200.8	0.021	0.2			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Thallium	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Thallium	Dissolved	=	49.7	µg/L	EPA 200.8	0.021	0.2			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Thallium	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Thallium	Dissolved	=	0.8	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Thallium	Total	=	49	µg/L	EPA 200.8	0.021	0.2			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Thallium	Total	=	49	µg/L	EPA 200.8	0.021	0.2			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Thallium	Total	=	0.06	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-2	Lab	LCS	12/12/2022	Metal	Thallium	Total	=	48.2	µg/L	EPA 200.8	0.021	0.2			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Thallium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-2	Lab	LCS	12/13/2022	Metal	Thallium	Total	=	48.5	µg/L	EPA 200.8	0.021	0.2			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Thallium	Total	=	50.1	µg/L	EPA 200.8	0.021	0.2			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Thallium	Total	=	49.7	µg/L	EPA 200.8	0.021	0.2			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Thallium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-FIL	matrix spike	12/13/2022	Metal	Thallium	Total	=	49.2	µg/L	EPA 200.8	0.021	0.2			
2022/23-2	MO-FIL	matrix spike, rec	12/13/2022	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike dup	12/13/2022	Metal	Thallium	Total	=	49	µg/L	EPA 200.8	0.021	0.2			
2022/23-2	MO-FIL	matrix spike dup, rec	12/13/2022	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike, RPD	12/13/2022	Metal	Thallium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-HUE	matrix spike	12/13/2022	Metal	Thallium	Total	=	50.9	µg/L	EPA 200.8	0.021	0.2			
2022/23-2	MO-HUE	matrix spike, rec	12/13/2022	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike dup	12/13/2022	Metal	Thallium	Total	=	50.3	µg/L	EPA 200.8	0.021	0.2			
2022/23-2	MO-HUE	matrix spike dup, rec	12/13/2022	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike, RPD	12/13/2022	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Zinc	Dissolved	=	56.5	µg/L	EPA 200.8	0.8	10			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Zinc	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Zinc	Dissolved	=	55.9	µg/L	EPA 200.8	0.8	10			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Zinc	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Zinc	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10			
2022/23-2	Lab	LCS	12/12/2022	Metal	Zinc	Dissolved	=	49.2	µg/L	EPA 200.8	0.8	10			
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Zinc	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10			
2022/23-2	Lab	LCS	12/13/2022	Metal	Zinc	Dissolved	=	49.7	µg/L	EPA 200.8	0.8	10			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Zinc	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Zinc	Dissolved	=	48.9	µg/L	EPA 200.8	0.8	10			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Zinc	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Zinc	Dissolved	=	50	µg/L	EPA 200.8	0.8	10			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Zinc	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Zinc	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/12/2022	Metal	Zinc	Total	=	56.5	µg/L	EPA 200.8	1.7	10			
2022/23-2	000NONPJ	matrix spike, rec	12/12/2022	Metal	Zinc	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike dup	12/12/2022	Metal	Zinc	Total	=	55.9	µg/L	EPA 200.8	1.7	10			
2022/23-2	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Zinc	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-2	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	Lab	method blank	12/12/2022	Metal	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10			
2022/23-2	Lab	LCS	12/12/2022	Metal	Zinc	Total	=	49.2	µg/L	EPA 200.8	1.7	10			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	LCS, rec	12/12/2022	Metal	Zinc	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-2	Lab	method blank	12/13/2022	Metal	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10			
2022/23-2	Lab	LCS	12/13/2022	Metal	Zinc	Total	=	49.7	µg/L	EPA 200.8	1.7	10			
2022/23-2	Lab	LCS, rec	12/13/2022	Metal	Zinc	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-2	ME-VR2	matrix spike	12/12/2022	Metal	Zinc	Total	=	48.9	µg/L	EPA 200.8	1.7	10			
2022/23-2	ME-VR2	matrix spike, rec	12/12/2022	Metal	Zinc	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike dup	12/12/2022	Metal	Zinc	Total	=	50	µg/L	EPA 200.8	1.7	10			
2022/23-2	ME-VR2	matrix spike dup, rec	12/12/2022	Metal	Zinc	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-2	ME-VR2	matrix spike, RPD	12/12/2022	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-FIL	matrix spike	12/13/2022	Metal	Zinc	Total	=	93.3	µg/L	EPA 200.8	1.7	10			
2022/23-2	MO-FIL	matrix spike, rec	12/13/2022	Metal	Zinc	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike dup	12/13/2022	Metal	Zinc	Total	=	93	µg/L	EPA 200.8	1.7	10			
2022/23-2	MO-FIL	matrix spike dup, rec	12/13/2022	Metal	Zinc	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-FIL	matrix spike, RPD	12/13/2022	Metal	Zinc	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2022/23-2	MO-HUE	matrix spike	12/13/2022	Metal	Zinc	Total	=	60.1	µg/L	EPA 200.8	1.7	10			
2022/23-2	MO-HUE	matrix spike, rec	12/13/2022	Metal	Zinc	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike dup	12/13/2022	Metal	Zinc	Total	=	59.5	µg/L	EPA 200.8	1.7	10			
2022/23-2	MO-HUE	matrix spike dup, rec	12/13/2022	Metal	Zinc	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2022/23-2	MO-HUE	matrix spike, RPD	12/13/2022	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/7/2022	Nutrient	Ammonia as N	n/a	=	0.257	mg/L	EPA 350.1	0.017	0.1			
2022/23-2	000NONPJ	matrix spike, rec	12/7/2022	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	
2022/23-2	000NONPJ	matrix spike dup	12/7/2022	Nutrient	Ammonia as N	n/a	=	0.259	mg/L	EPA 350.1	0.017	0.1			
2022/23-2	000NONPJ	matrix spike dup, rec	12/7/2022	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	
2022/23-2	000NONPJ	matrix spike, RPD	12/7/2022	Nutrient	Ammonia as N	n/a	=	0.9	%	EPA 350.1	-88	-88	0	15	
2022/23-2	000NONPJ	matrix spike	12/15/2022	Nutrient	Ammonia as N	n/a	=	0.248	mg/L	EPA 350.1	0.017	0.1			
2022/23-2	000NONPJ	matrix spike, rec	12/15/2022	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2022/23-2	000NONPJ	matrix spike dup	12/15/2022	Nutrient	Ammonia as N	n/a	=	0.245	mg/L	EPA 350.1	0.017	0.1			
2022/23-2	000NONPJ	matrix spike dup, rec	12/15/2022	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2022/23-2	000NONPJ	matrix spike, RPD	12/15/2022	Nutrient	Ammonia as N	n/a	=	1	%	EPA 350.1	-88	-88	0	15	
2022/23-2	000NONPJ	matrix spike	12/15/2022	Nutrient	Ammonia as N	n/a	=	0.277	mg/L	EPA 350.1	0.017	0.1			
2022/23-2	000NONPJ	matrix spike, rec	12/15/2022	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2022/23-2	000NONPJ	matrix spike dup	12/15/2022	Nutrient	Ammonia as N	n/a	=	0.276	mg/L	EPA 350.1	0.017	0.1			
2022/23-2	000NONPJ	matrix spike dup, rec	12/15/2022	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2022/23-2	000NONPJ	matrix spike, RPD	12/15/2022	Nutrient	Ammonia as N	n/a	=	0.3	%	EPA 350.1	-88	-88	0	15	
2022/23-2	Lab	method blank	12/7/2022	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2022/23-2	Lab	LCS	12/7/2022	Nutrient	Ammonia as N	n/a	=	0.248	mg/L	EPA 350.1	0.017	0.1			
2022/23-2	Lab	LCS, rec	12/7/2022	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2022/23-2	Lab	method blank	12/7/2022	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2022/23-2	Lab	LCS	12/7/2022	Nutrient	Ammonia as N	n/a	=	0.255	mg/L	EPA 350.1	0.017	0.1			
2022/23-2	Lab	LCS, rec	12/7/2022	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2022/23-2	Lab	method blank	12/15/2022	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2022/23-2	Lab	LCS	12/15/2022	Nutrient	Ammonia as N	n/a	=	0.254	mg/L	EPA 350.1	0.017	0.1			
2022/23-2	Lab	LCS, rec	12/15/2022	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2022/23-2	Lab	method blank	12/15/2022	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2022/23-2	Lab	LCS	12/15/2022	Nutrient	Ammonia as N	n/a	=	0.253	mg/L	EPA 350.1	0.017	0.1			
2022/23-2	Lab	LCS, rec	12/15/2022	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2022/23-2	ME-VR2	matrix spike	12/7/2022	Nutrient	Ammonia as N	n/a	=	0.406	mg/L	EPA 350.1	0.017	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	ME-VR2	matrix spike, rec	12/7/2022	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2022/23-2	ME-VR2	matrix spike dup	12/7/2022	Nutrient	Ammonia as N	n/a	=	0.412	mg/L	EPA 350.1	0.017	0.1			
2022/23-2	ME-VR2	matrix spike dup, rec	12/7/2022	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2022/23-2	ME-VR2	matrix spike, RPD	12/7/2022	Nutrient	Ammonia as N	n/a	=	1	%	EPA 350.1	-88	-88	0	15	
2022/23-2	000NONPJ	matrix spike	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	81.2	mg/L	EPA 353.2	0.72	4			
2022/23-2	000NONPJ	matrix spike, rec	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2022/23-2	000NONPJ	matrix spike dup	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	80.2	mg/L	EPA 353.2	0.72	4			
2022/23-2	000NONPJ	matrix spike dup, rec	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2022/23-2	000NONPJ	matrix spike, RPD	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	
2022/23-2	000NONPJ	matrix spike	12/6/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	40	mg/L	EPA 353.2	0.036	0.2			GB
2022/23-2	000NONPJ	matrix spike dup	12/6/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	39.8	mg/L	EPA 353.2	0.036	0.2			GB
2022/23-2	000NONPJ	matrix spike dup, rec	12/6/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	-50	%	EPA 353.2	-88	-88	90	110	GB
2022/23-2	000NONPJ	matrix spike, rec	12/6/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	-40	%	EPA 353.2	-88	-88	90	110	GB
2022/23-2	000NONPJ	matrix spike, RPD	12/6/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	GB
2022/23-2	Lab	method blank	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	DNQ	0.0647	mg/L	EPA 353.2	0.036	0.2			IP
2022/23-2	Lab	LCS	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0.969	mg/L	EPA 353.2	0.036	0.2			
2022/23-2	Lab	LCS, rec	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2022/23-2	Lab	method blank	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2022/23-2	Lab	LCS	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0.939	mg/L	EPA 353.2	0.036	0.2			
2022/23-2	Lab	LCS, rec	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2022/23-2	Lab	method blank	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2022/23-2	Lab	LCS	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0.952	mg/L	EPA 353.2	0.036	0.2			
2022/23-2	Lab	LCS, rec	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2022/23-2	Lab	method blank	12/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2022/23-2	Lab	LCS	12/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0.947	mg/L	EPA 353.2	0.036	0.2			
2022/23-2	Lab	LCS, rec	12/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2022/23-2	ME-VR2	matrix spike	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.14	mg/L	EPA 353.2	0.036	0.2			
2022/23-2	ME-VR2	matrix spike, rec	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2022/23-2	ME-VR2	matrix spike dup	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.12	mg/L	EPA 353.2	0.036	0.2			
2022/23-2	ME-VR2	matrix spike dup, rec	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2022/23-2	ME-VR2	matrix spike, RPD	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0.9	%	EPA 353.2	-88	-88	0	20	
2022/23-2	MO-CAM	matrix spike	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.39	mg/L	EPA 353.2	0.036	0.2			
2022/23-2	MO-CAM	matrix spike, rec	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	91	%	EPA 353.2	-88	-88	90	110	
2022/23-2	MO-CAM	matrix spike dup	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.42	mg/L	EPA 353.2	0.036	0.2			
2022/23-2	MO-CAM	matrix spike dup, rec	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	93	%	EPA 353.2	-88	-88	90	110	
2022/23-2	MO-CAM	matrix spike, RPD	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	
2022/23-2	MO-HUE	matrix spike	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.72	mg/L	EPA 353.2	0.036	0.2			
2022/23-2	MO-HUE	matrix spike, rec	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2022/23-2	MO-HUE	matrix spike dup	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.7	mg/L	EPA 353.2	0.036	0.2			
2022/23-2	MO-HUE	matrix spike dup, rec	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2022/23-2	MO-HUE	matrix spike, RPD	12/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0.7	%	EPA 353.2	-88	-88	0	20	
2022/23-2	MO-OJA	matrix spike	12/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.08	mg/L	EPA 353.2	0.036	0.2			
2022/23-2	MO-OJA	matrix spike, rec	12/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2022/23-2	MO-OJA	matrix spike dup	12/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	2.06	mg/L	EPA 353.2	0.036	0.2			
2022/23-2	MO-OJA	matrix spike dup, rec	12/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2022/23-2	MO-OJA	matrix spike, RPD	12/10/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	
2022/23-2	000NONPJ	matrix spike	12/3/2022	Nutrient	Nitrate as N	n/a	=	81.2	mg/L	EPA 353.2	0.8	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	
2022/23-2	000NONPJ	matrix spike, rec	12/3/2022	Nutrient	Nitrate as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2022/23-2	000NONPJ	matrix spike dup	12/3/2022	Nutrient	Nitrate as N	n/a	=	80.2	mg/L	EPA 353.2	0.8	4			
2022/23-2	000NONPJ	matrix spike dup, rec	12/3/2022	Nutrient	Nitrate as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2022/23-2	000NONPJ	matrix spike, RPD	12/3/2022	Nutrient	Nitrate as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	
2022/23-2	000NONPJ	matrix spike	12/6/2022	Nutrient	Nitrate as N	n/a	=	40	mg/L	EPA 353.2	0.04	0.2			GB
2022/23-2	000NONPJ	matrix spike dup	12/6/2022	Nutrient	Nitrate as N	n/a	=	39.8	mg/L	EPA 353.2	0.04	0.2			GB
2022/23-2	000NONPJ	matrix spike dup, rec	12/6/2022	Nutrient	Nitrate as N	n/a	=	-50	%	EPA 353.2	-88	-88	90	110	GB
2022/23-2	000NONPJ	matrix spike, rec	12/6/2022	Nutrient	Nitrate as N	n/a	=	-40	%	EPA 353.2	-88	-88	90	110	GB
2022/23-2	000NONPJ	matrix spike, RPD	12/6/2022	Nutrient	Nitrate as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	GB
2022/23-2	Lab	method blank	12/3/2022	Nutrient	Nitrate as N	n/a	<	0.04	mg/L	EPA 353.2	0.04	0.2			
2022/23-2	Lab	LCS	12/3/2022	Nutrient	Nitrate as N	n/a	=	0.952	mg/L	EPA 353.2	0.04	0.2			
2022/23-2	Lab	LCS, rec	12/3/2022	Nutrient	Nitrate as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2022/23-2	Lab	method blank	12/9/2022	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2022/23-2	Lab	LCS	12/9/2022	Nutrient	Phosphorus as P	Dissolved	=	2.11	mg/L	EPA 200.7	0.018	0.05			
2022/23-2	Lab	LCS, rec	12/9/2022	Nutrient	Phosphorus as P	Dissolved	=	106	%	EPA 200.7	-88	-88	85	115	
2022/23-2	Lab	method blank	12/9/2022	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2022/23-2	Lab	LCS	12/9/2022	Nutrient	Phosphorus as P	Dissolved	=	2.06	mg/L	EPA 200.7	0.018	0.05			
2022/23-2	Lab	LCS, rec	12/9/2022	Nutrient	Phosphorus as P	Dissolved	=	103	%	EPA 200.7	-88	-88	85	115	
2022/23-2	ME-CC	matrix spike	12/9/2022	Nutrient	Phosphorus as P	Dissolved	=	4.24	mg/L	EPA 200.7	0.018	0.05			
2022/23-2	ME-CC	matrix spike, rec	12/9/2022	Nutrient	Phosphorus as P	Dissolved	=	116	%	EPA 200.7	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike dup	12/9/2022	Nutrient	Phosphorus as P	Dissolved	=	4.16	mg/L	EPA 200.7	0.018	0.05			
2022/23-2	ME-CC	matrix spike dup, rec	12/9/2022	Nutrient	Phosphorus as P	Dissolved	=	112	%	EPA 200.7	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike, RPD	12/9/2022	Nutrient	Phosphorus as P	Dissolved	=	2	%	EPA 200.7	-88	-88	0	30	
2022/23-2	MO-OJA	matrix spike	12/9/2022	Nutrient	Phosphorus as P	Dissolved	=	2.44	mg/L	EPA 200.7	0.018	0.05			
2022/23-2	MO-OJA	matrix spike, rec	12/9/2022	Nutrient	Phosphorus as P	Dissolved	=	112	%	EPA 200.7	-88	-88	70	130	
2022/23-2	MO-OJA	matrix spike dup	12/9/2022	Nutrient	Phosphorus as P	Dissolved	=	2.43	mg/L	EPA 200.7	0.018	0.05			
2022/23-2	MO-OJA	matrix spike dup, rec	12/9/2022	Nutrient	Phosphorus as P	Dissolved	=	112	%	EPA 200.7	-88	-88	70	130	
2022/23-2	MO-OJA	matrix spike, RPD	12/9/2022	Nutrient	Phosphorus as P	Dissolved	=	0.3	%	EPA 200.7	-88	-88	0	30	
2022/23-2	MO-SPA	matrix spike	12/9/2022	Nutrient	Phosphorus as P	Dissolved	=	2.95	mg/L	EPA 200.7	0.018	0.05			
2022/23-2	MO-SPA	matrix spike, rec	12/9/2022	Nutrient	Phosphorus as P	Dissolved	=	128	%	EPA 200.7	-88	-88	70	130	
2022/23-2	MO-SPA	matrix spike dup	12/9/2022	Nutrient	Phosphorus as P	Dissolved	=	2.87	mg/L	EPA 200.7	0.018	0.05			
2022/23-2	MO-SPA	matrix spike dup, rec	12/9/2022	Nutrient	Phosphorus as P	Dissolved	=	124	%	EPA 200.7	-88	-88	70	130	
2022/23-2	MO-SPA	matrix spike, RPD	12/9/2022	Nutrient	Phosphorus as P	Dissolved	=	3	%	EPA 200.7	-88	-88	0	30	
2022/23-2	Lab	method blank	12/9/2022	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2022/23-2	Lab	LCS	12/9/2022	Nutrient	Phosphorus as P	Total	=	2.11	mg/L	EPA 200.7	0.018	0.05			
2022/23-2	Lab	LCS, rec	12/9/2022	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	85	115	
2022/23-2	Lab	method blank	12/9/2022	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2022/23-2	Lab	LCS	12/9/2022	Nutrient	Phosphorus as P	Total	=	2.06	mg/L	EPA 200.7	0.018	0.05			
2022/23-2	Lab	LCS, rec	12/9/2022	Nutrient	Phosphorus as P	Total	=	103	%	EPA 200.7	-88	-88	85	115	
2022/23-2	ME-CC	matrix spike	12/9/2022	Nutrient	Phosphorus as P	Total	=	4.24	mg/L	EPA 200.7	0.018	0.05			
2022/23-2	ME-CC	matrix spike, rec	12/9/2022	Nutrient	Phosphorus as P	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike dup	12/9/2022	Nutrient	Phosphorus as P	Total	=	4.16	mg/L	EPA 200.7	0.018	0.05			
2022/23-2	ME-CC	matrix spike dup, rec	12/9/2022	Nutrient	Phosphorus as P	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike, RPD	12/9/2022	Nutrient	Phosphorus as P	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2022/23-2	MO-OJA	matrix spike	12/9/2022	Nutrient	Phosphorus as P	Total	=	2.44	mg/L	EPA 200.7	0.018	0.05			
2022/23-2	MO-OJA	matrix spike, rec	12/9/2022	Nutrient	Phosphorus as P	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2022/23-2	MO-OJA	matrix spike dup	12/9/2022	Nutrient	Phosphorus as P	Total	=	2.43	mg/L	EPA 200.7	0.018	0.05			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	MO-OJA	matrix spike dup, rec	12/9/2022	Nutrient	Phosphorus as P	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2022/23-2	MO-OJA	matrix spike, RPD	12/9/2022	Nutrient	Phosphorus as P	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2022/23-2	MO-OXN	matrix spike	12/9/2022	Nutrient	Phosphorus as P	Total	=	2.74	mg/L	EPA 200.7	0.018	0.05			
2022/23-2	MO-OXN	matrix spike, rec	12/9/2022	Nutrient	Phosphorus as P	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2022/23-2	MO-OXN	matrix spike dup	12/9/2022	Nutrient	Phosphorus as P	Total	=	2.72	mg/L	EPA 200.7	0.018	0.05			
2022/23-2	MO-OXN	matrix spike dup, rec	12/9/2022	Nutrient	Phosphorus as P	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2022/23-2	MO-OXN	matrix spike, RPD	12/9/2022	Nutrient	Phosphorus as P	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2022/23-2	MO-SPA	matrix spike	12/9/2022	Nutrient	Phosphorus as P	Total	=	2.95	mg/L	EPA 200.7	0.018	0.05			
2022/23-2	MO-SPA	matrix spike, rec	12/9/2022	Nutrient	Phosphorus as P	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2022/23-2	MO-SPA	matrix spike dup	12/9/2022	Nutrient	Phosphorus as P	Total	=	2.87	mg/L	EPA 200.7	0.018	0.05			
2022/23-2	MO-SPA	matrix spike dup, rec	12/9/2022	Nutrient	Phosphorus as P	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2022/23-2	MO-SPA	matrix spike, RPD	12/9/2022	Nutrient	Phosphorus as P	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/19/2022	Nutrient	TKN	n/a	=	1.12	mg/L	EPA 351.2	0.065	0.1			
2022/23-2	000NONPJ	matrix spike, rec	12/19/2022	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2022/23-2	000NONPJ	matrix spike dup	12/19/2022	Nutrient	TKN	n/a	=	1.09	mg/L	EPA 351.2	0.065	0.1			
2022/23-2	000NONPJ	matrix spike dup, rec	12/19/2022	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2022/23-2	000NONPJ	matrix spike, RPD	12/19/2022	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	10	
2022/23-2	000NONPJ	matrix spike	12/19/2022	Nutrient	TKN	n/a	=	0.993	mg/L	EPA 351.2	0.065	0.1			
2022/23-2	000NONPJ	matrix spike, rec	12/19/2022	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2022/23-2	000NONPJ	matrix spike dup	12/19/2022	Nutrient	TKN	n/a	=	1.02	mg/L	EPA 351.2	0.065	0.1			
2022/23-2	000NONPJ	matrix spike dup, rec	12/19/2022	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2022/23-2	000NONPJ	matrix spike, RPD	12/19/2022	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	10	
2022/23-2	Lab	method blank	12/19/2022	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2022/23-2	Lab	LCS	12/19/2022	Nutrient	TKN	n/a	=	1.01	mg/L	EPA 351.2	0.065	0.1			
2022/23-2	Lab	LCS, rec	12/19/2022	Nutrient	TKN	n/a	=	101	%	EPA 351.2	-88	-88	90	110	
2022/23-2	Lab	method blank	12/19/2022	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2022/23-2	Lab	LCS	12/19/2022	Nutrient	TKN	n/a	=	1.02	mg/L	EPA 351.2	0.065	0.1			
2022/23-2	Lab	LCS, rec	12/19/2022	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2022/23-2	Lab	LCS dup	1/4/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	13.6	µg/L	EPA 625.1	0.49	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	68	%	EPA 625.1	-88	-88	57	130	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	16	µg/L	EPA 625.1	0.49	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	80	%	EPA 625.1	-88	-88	57	130	
2022/23-2	Lab	method blank	1/4/2023	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	1,2-Dichlorobenzene	n/a	=	13	µg/L	EPA 625.1	0.46	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	1,2-Dichlorobenzene	n/a	=	65	%	EPA 625.1	-88	-88	57	120	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	1,2-Dichlorobenzene	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	1,2-Dichlorobenzene	n/a	=	15.6	µg/L	EPA 625.1	0.46	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	1,2-Dichlorobenzene	n/a	=	78	%	EPA 625.1	-88	-88	57	120	
2022/23-2	Lab	method blank	1/4/2023	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-2	Lab	method blank	1/4/2023	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	1,3-Dichlorobenzene	n/a	=	12.1	µg/L	EPA 625.1	0.42	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	1,3-Dichlorobenzene	n/a	=	60	%	EPA 625.1	-88	-88	55	120	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	1,3-Dichlorobenzene	n/a	=	20	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	1,3-Dichlorobenzene	n/a	=	14.8	µg/L	EPA 625.1	0.42	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	1,3-Dichlorobenzene	n/a	=	74	%	EPA 625.1	-88	-88	55	120	
2022/23-2	Lab	method blank	1/4/2023	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	srgt LCS	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.536	µg/L	EPA 625.1m	-88	-88			
2022/23-2	Lab	srgt LCS, rec	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 625.1m	-88	-88	23	148	
2022/23-2	Lab	srgt method blank	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.452	µg/L	EPA 625.1m	-88	-88			
2022/23-2	Lab	srgt method blank, rec	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 625.1m	-88	-88	23	148	
2022/23-2	Lab	srgt method blank	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.18	µg/L	EPA 525.2	-88	-88			
2022/23-2	Lab	srgt method blank, rec	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	srgt LCS	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.17	µg/L	EPA 525.2	-88	-88			
2022/23-2	Lab	srgt LCS, rec	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	srgt LCS dup	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.07	µg/L	EPA 525.2	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	srgt method blank	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.2	µg/L	EPA 525.2	-88	-88			
2022/23-2	Lab	srgt method blank, rec	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	srgt LCS	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.97	µg/L	EPA 525.2	-88	-88			
2022/23-2	Lab	srgt LCS, rec	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	srgt LCS dup	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.01	µg/L	EPA 525.2	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2022/23-2	ME-CC	srgt matrix spike	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.384	µg/L	EPA 625.1m	-88	-88			
2022/23-2	ME-CC	srgt matrix spike, rec	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	77	%	EPA 625.1m	-88	-88	23	148	
2022/23-2	ME-CC	srgt matrix spike dup	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.435	µg/L	EPA 625.1m	-88	-88			
2022/23-2	ME-CC	srgt matrix spike dup, rec	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	87	%	EPA 625.1m	-88	-88	23	148	
2022/23-2	ME-CC	srgt environ	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.375	µg/L	EPA 625.1m	-88	-88			
2022/23-2	ME-CC	srgt environ, rec	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	75	%	EPA 625.1m	-88	-88	23	148	
2022/23-2	ME-CC	srgt environ	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.64	µg/L	EPA 525.2	-88	-88			
2022/23-2	ME-CC	srgt environ, rec	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2022/23-2	ME-VR2	srgt environ	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.51	µg/L	EPA 625.1m	-88	-88			
2022/23-2	ME-VR2	srgt environ, rec	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 625.1m	-88	-88	23	148	
2022/23-2	ME-VR2	srgt environ	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.5	µg/L	EPA 525.2	-88	-88			
2022/23-2	ME-VR2	srgt environ, rec	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2022/23-2	MO-CAM	srgt environ	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.347	µg/L	EPA 625.1m	-88	-88			
2022/23-2	MO-CAM	srgt environ, rec	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	69	%	EPA 625.1m	-88	-88	23	148	
2022/23-2	MO-CAM	srgt environ	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.76	µg/L	EPA 525.2	-88	-88			
2022/23-2	MO-CAM	srgt environ, rec	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2022/23-2	MO-FIL	srgt environ	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.429	µg/L	EPA 625.1m	-88	-88			
2022/23-2	MO-FIL	srgt environ, rec	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	86	%	EPA 625.1m	-88	-88	23	148	
2022/23-2	MO-FIL	srgt environ	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.77	µg/L	EPA 525.2	-88	-88			
2022/23-2	MO-FIL	srgt environ, rec	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2022/23-2	MO-HUE	srgt environ	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.498	µg/L	EPA 625.1m	-88	-88			
2022/23-2	MO-HUE	srgt environ, rec	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 625.1m	-88	-88	23	148	
2022/23-2	MO-HUE	srgt environ	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.81	µg/L	EPA 525.2	-88	-88			
2022/23-2	MO-HUE	srgt environ, rec	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2022/23-2	MO-MEI	srgt environ	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.439	µg/L	EPA 625.1m	-88	-88			
2022/23-2	MO-MEI	srgt environ, rec	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	88	%	EPA 625.1m	-88	-88	23	148	
2022/23-2	MO-MEI	srgt environ	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.03	µg/L	EPA 525.2	-88	-88			
2022/23-2	MO-MEI	srgt environ, rec	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2022/23-2	MO-MPK	srgt environ	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.436	µg/L	EPA 625.1m	-88	-88			
2022/23-2	MO-MPK	srgt environ, rec	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	87	%	EPA 625.1m	-88	-88	23	148	
2022/23-2	MO-MPK	srgt environ	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.05	µg/L	EPA 525.2	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	MO-MPK	srgt environ, rec	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2022/23-2	MO-OJA	srgt environ	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.473	µg/L	EPA 625.1m	-88	-88			
2022/23-2	MO-OJA	srgt environ, rec	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 625.1m	-88	-88	23	148	
2022/23-2	MO-OJA	srgt environ	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.22	µg/L	EPA 525.2	-88	-88			
2022/23-2	MO-OJA	srgt environ, rec	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2022/23-2	MO-OXN	srgt environ	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.305	µg/L	EPA 625.1m	-88	-88			
2022/23-2	MO-OXN	srgt environ, rec	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	61	%	EPA 625.1m	-88	-88	23	148	
2022/23-2	MO-OXN	srgt environ	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.97	µg/L	EPA 525.2	-88	-88			
2022/23-2	MO-OXN	srgt environ, rec	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2022/23-2	MO-SIM	srgt environ	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.425	µg/L	EPA 625.1m	-88	-88			
2022/23-2	MO-SIM	srgt environ, rec	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	85	%	EPA 625.1m	-88	-88	23	148	
2022/23-2	MO-SIM	srgt environ	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.74	µg/L	EPA 525.2	-88	-88			
2022/23-2	MO-SIM	srgt environ, rec	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2022/23-2	MO-SPA	srgt environ	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.377	µg/L	EPA 625.1m	-88	-88			
2022/23-2	MO-SPA	srgt environ, rec	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	75	%	EPA 625.1m	-88	-88	23	148	
2022/23-2	MO-SPA	srgt environ	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.29	µg/L	EPA 525.2	-88	-88			
2022/23-2	MO-SPA	srgt environ, rec	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2022/23-2	MO-THO	srgt environ	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.514	µg/L	EPA 625.1m	-88	-88			
2022/23-2	MO-THO	srgt environ, rec	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 625.1m	-88	-88	23	148	
2022/23-2	MO-THO	srgt environ	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.69	µg/L	EPA 525.2	-88	-88			
2022/23-2	MO-THO	srgt environ, rec	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2022/23-2	MO-VEN	srgt environ	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.348	µg/L	EPA 625.1m	-88	-88			
2022/23-2	MO-VEN	srgt environ, rec	12/13/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	70	%	EPA 625.1m	-88	-88	23	148	
2022/23-2	MO-VEN	srgt environ	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.82	µg/L	EPA 525.2	-88	-88			
2022/23-2	MO-VEN	srgt environ, rec	12/17/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	1/4/2023	Organic	1,4-Dichlorobenzene	n/a	=	12.3	µg/L	EPA 625.1	0.48	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	1,4-Dichlorobenzene	n/a	=	62	%	EPA 625.1	-88	-88	55	120	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	1,4-Dichlorobenzene	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	1,4-Dichlorobenzene	n/a	=	14.8	µg/L	EPA 625.1	0.48	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	1,4-Dichlorobenzene	n/a	=	74	%	EPA 625.1	-88	-88	55	120	
2022/23-2	Lab	method blank	1/4/2023	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2022/23-2	Lab	method blank	1/6/2023	Organic	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1			
2022/23-2	Lab	method blank	1/7/2023	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2022/23-2	Lab	method blank	1/9/2023	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2022/23-2	Lab	srgt LCS dup	1/4/2023	Organic	2,4,6-Tribromophenol	n/a	=	30.1	µg/L	EPA 625.1	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	1/4/2023	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625.1	-88	-88	25	120	
2022/23-2	Lab	srgt LCS	1/4/2023	Organic	2,4,6-Tribromophenol	n/a	=	35.1	µg/L	EPA 625.1	-88	-88			
2022/23-2	Lab	srgt LCS, rec	1/4/2023	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 625.1	-88	-88	25	120	
2022/23-2	Lab	srgt method blank	1/4/2023	Organic	2,4,6-Tribromophenol	n/a	=	23.4	µg/L	EPA 625.1	-88	-88			
2022/23-2	Lab	srgt method blank, rec	1/4/2023	Organic	2,4,6-Tribromophenol	n/a	=	59	%	EPA 625.1	-88	-88	25	120	
2022/23-2	Lab	srgt method blank	1/7/2023	Organic	2,4,6-Tribromophenol	n/a	=	24.6	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt method blank, rec	1/7/2023	Organic	2,4,6-Tribromophenol	n/a	=	61	%	EPA 8270C	-88	-88	26	117	
2022/23-2	Lab	srgt LCS dup	1/7/2023	Organic	2,4,6-Tribromophenol	n/a	=	32	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	1/7/2023	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 8270C	-88	-88	26	117	
2022/23-2	Lab	srgt LCS	1/7/2023	Organic	2,4,6-Tribromophenol	n/a	=	36.7	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt LCS, rec	1/7/2023	Organic	2,4,6-Tribromophenol	n/a	=	92	%	EPA 8270C	-88	-88	26	117	
2022/23-2	Lab	srgt method blank	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	23.9	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	srgt method blank, rec	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	60	%	EPA 8270C	-88	-88	26	117	
2022/23-2	Lab	srgt LCS dup	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	31.9	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 8270C	-88	-88	26	117	
2022/23-2	Lab	srgt LCS	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	37.1	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt LCS, rec	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	93	%	EPA 8270C	-88	-88	26	117	
2022/23-2	ME-CC	srgt environ	1/4/2023	Organic	2,4,6-Tribromophenol	n/a	=	27.6	µg/L	EPA 625.1	-88	-88			
2022/23-2	ME-CC	srgt environ, rec	1/4/2023	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 625.1	-88	-88	25	120	
2022/23-2	ME-CC	srgt environ	1/7/2023	Organic	2,4,6-Tribromophenol	n/a	=	33.9	µg/L	EPA 8270C	-88	-88			
2022/23-2	ME-CC	srgt environ, rec	1/7/2023	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 8270C	-88	-88	26	117	
2022/23-2	ME-VR2	srgt environ	1/4/2023	Organic	2,4,6-Tribromophenol	n/a	=	21.2	µg/L	EPA 625.1	-88	-88			
2022/23-2	ME-VR2	srgt environ, rec	1/4/2023	Organic	2,4,6-Tribromophenol	n/a	=	52	%	EPA 625.1	-88	-88	25	120	
2022/23-2	ME-VR2	srgt environ	1/7/2023	Organic	2,4,6-Tribromophenol	n/a	=	24.6	µg/L	EPA 8270C	-88	-88			
2022/23-2	ME-VR2	srgt environ, rec	1/7/2023	Organic	2,4,6-Tribromophenol	n/a	=	61	%	EPA 8270C	-88	-88	26	117	
2022/23-2	MO-CAM	srgt environ	1/4/2023	Organic	2,4,6-Tribromophenol	n/a	=	30.6	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-CAM	srgt environ, rec	1/4/2023	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625.1	-88	-88	25	120	
2022/23-2	MO-CAM	srgt environ	1/7/2023	Organic	2,4,6-Tribromophenol	n/a	=	31.1	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-CAM	srgt environ, rec	1/7/2023	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 8270C	-88	-88	26	117	
2022/23-2	MO-FIL	srgt environ	1/5/2023	Organic	2,4,6-Tribromophenol	n/a	=	29.3	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-FIL	srgt environ, rec	1/5/2023	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625.1	-88	-88	25	120	
2022/23-2	MO-FIL	srgt environ	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	31.2	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-FIL	srgt environ, rec	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 8270C	-88	-88	26	117	
2022/23-2	MO-HUE	srgt environ	1/5/2023	Organic	2,4,6-Tribromophenol	n/a	=	33.9	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-HUE	srgt environ, rec	1/5/2023	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625.1	-88	-88	25	120	
2022/23-2	MO-HUE	srgt environ	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	36.7	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-HUE	srgt environ, rec	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 8270C	-88	-88	26	117	
2022/23-2	MO-MEI	srgt environ	1/4/2023	Organic	2,4,6-Tribromophenol	n/a	=	29.4	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-MEI	srgt environ, rec	1/4/2023	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625.1	-88	-88	25	120	
2022/23-2	MO-MEI	srgt environ	1/7/2023	Organic	2,4,6-Tribromophenol	n/a	=	31.4	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-MEI	srgt environ, rec	1/7/2023	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 8270C	-88	-88	26	117	
2022/23-2	MO-MPK	srgt environ	1/5/2023	Organic	2,4,6-Tribromophenol	n/a	=	32.1	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-MPK	srgt environ, rec	1/5/2023	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 625.1	-88	-88	25	120	
2022/23-2	MO-MPK	srgt environ	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	33.8	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-MPK	srgt environ, rec	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 8270C	-88	-88	26	117	
2022/23-2	MO-OJA	srgt environ	1/4/2023	Organic	2,4,6-Tribromophenol	n/a	=	25.8	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-OJA	srgt environ, rec	1/4/2023	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 625.1	-88	-88	25	120	
2022/23-2	MO-OJA	srgt environ	1/7/2023	Organic	2,4,6-Tribromophenol	n/a	=	27.6	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-OJA	srgt environ, rec	1/7/2023	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 8270C	-88	-88	26	117	
2022/23-2	MO-OXN	srgt environ	1/5/2023	Organic	2,4,6-Tribromophenol	n/a	=	32.7	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-OXN	srgt environ, rec	1/5/2023	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 625.1	-88	-88	25	120	
2022/23-2	MO-OXN	srgt environ	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	32.7	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-OXN	srgt environ, rec	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 8270C	-88	-88	26	117	
2022/23-2	MO-SIM	srgt environ	1/5/2023	Organic	2,4,6-Tribromophenol	n/a	=	29.5	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-SIM	srgt environ, rec	1/5/2023	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625.1	-88	-88	25	120	
2022/23-2	MO-SIM	srgt environ	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	34.3	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-SIM	srgt environ, rec	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 8270C	-88	-88	26	117	
2022/23-2	MO-SPA	srgt environ	1/4/2023	Organic	2,4,6-Tribromophenol	n/a	=	58.5	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-SPA	srgt environ, rec	1/4/2023	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625.1	-88	-88	25	120	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	MO-SPA	srgt environ	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	59.2	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-SPA	srgt environ, rec	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 8270C	-88	-88	26	117	
2022/23-2	MO-THO	srgt environ	1/5/2023	Organic	2,4,6-Tribromophenol	n/a	=	30.2	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-THO	srgt environ, rec	1/5/2023	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625.1	-88	-88	25	120	
2022/23-2	MO-THO	srgt environ	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	32.9	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-THO	srgt environ, rec	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 8270C	-88	-88	26	117	
2022/23-2	MO-VEN	srgt environ	1/4/2023	Organic	2,4,6-Tribromophenol	n/a	=	30.2	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-VEN	srgt environ, rec	1/4/2023	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625.1	-88	-88	25	120	
2022/23-2	MO-VEN	srgt environ	1/7/2023	Organic	2,4,6-Tribromophenol	n/a	=	28.5	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-VEN	srgt environ, rec	1/7/2023	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 8270C	-88	-88	26	117	
2022/23-2	Lab	LCS dup	1/4/2023	Organic	2,4,6-Trichlorophenol	n/a	=	17.1	µg/L	EPA 625.1	0.22	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	2,4,6-Trichlorophenol	n/a	=	86	%	EPA 625.1	-88	-88	52	129	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	2,4,6-Trichlorophenol	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	2,4,6-Trichlorophenol	n/a	=	20.1	µg/L	EPA 625.1	0.22	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	2,4,6-Trichlorophenol	n/a	=	101	%	EPA 625.1	-88	-88	52	129	
2022/23-2	Lab	method blank	1/4/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-2	Lab	method blank	1/7/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2022/23-2	Lab	LCS dup	1/7/2023	Organic	2,4,6-Trichlorophenol	n/a	=	15	µg/L	EPA 8270C	0.3	1			
2022/23-2	Lab	LCS dup, rec	1/7/2023	Organic	2,4,6-Trichlorophenol	n/a	=	75	%	EPA 8270C	-88	-88	30	115	
2022/23-2	Lab	LCS, RPD	1/7/2023	Organic	2,4,6-Trichlorophenol	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	LCS	1/7/2023	Organic	2,4,6-Trichlorophenol	n/a	=	17	µg/L	EPA 8270C	0.3	1			
2022/23-2	Lab	LCS, rec	1/7/2023	Organic	2,4,6-Trichlorophenol	n/a	=	85	%	EPA 8270C	-88	-88	30	115	
2022/23-2	Lab	method blank	1/9/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2022/23-2	Lab	LCS dup	1/9/2023	Organic	2,4,6-Trichlorophenol	n/a	=	15.1	µg/L	EPA 8270C	0.3	1			
2022/23-2	Lab	LCS dup, rec	1/9/2023	Organic	2,4,6-Trichlorophenol	n/a	=	75	%	EPA 8270C	-88	-88	30	115	
2022/23-2	Lab	LCS, RPD	1/9/2023	Organic	2,4,6-Trichlorophenol	n/a	=	18	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	LCS	1/9/2023	Organic	2,4,6-Trichlorophenol	n/a	=	18.1	µg/L	EPA 8270C	0.3	1			
2022/23-2	Lab	LCS, rec	1/9/2023	Organic	2,4,6-Trichlorophenol	n/a	=	91	%	EPA 8270C	-88	-88	30	115	
2022/23-2	Lab	LCS dup	1/4/2023	Organic	2,4-Dichlorophenol	n/a	=	14.8	µg/L	EPA 625.1	0.26	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	2,4-Dichlorophenol	n/a	=	74	%	EPA 625.1	-88	-88	53	122	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	2,4-Dichlorophenol	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	2,4-Dichlorophenol	n/a	=	17.5	µg/L	EPA 625.1	0.26	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	2,4-Dichlorophenol	n/a	=	87	%	EPA 625.1	-88	-88	53	122	
2022/23-2	Lab	method blank	1/4/2023	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-2	Lab	method blank	1/7/2023	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2022/23-2	Lab	LCS dup	1/7/2023	Organic	2,4-Dichlorophenol	n/a	=	14	µg/L	EPA 8270C	0.51	1			
2022/23-2	Lab	LCS dup, rec	1/7/2023	Organic	2,4-Dichlorophenol	n/a	=	70	%	EPA 8270C	-88	-88	32	105	
2022/23-2	Lab	LCS, RPD	1/7/2023	Organic	2,4-Dichlorophenol	n/a	=	16	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	LCS	1/7/2023	Organic	2,4-Dichlorophenol	n/a	=	16.5	µg/L	EPA 8270C	0.51	1			
2022/23-2	Lab	LCS, rec	1/7/2023	Organic	2,4-Dichlorophenol	n/a	=	82	%	EPA 8270C	-88	-88	32	105	
2022/23-2	Lab	method blank	1/9/2023	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2022/23-2	Lab	LCS dup	1/9/2023	Organic	2,4-Dichlorophenol	n/a	=	13.8	µg/L	EPA 8270C	0.51	1			
2022/23-2	Lab	LCS dup, rec	1/9/2023	Organic	2,4-Dichlorophenol	n/a	=	69	%	EPA 8270C	-88	-88	32	105	
2022/23-2	Lab	LCS, RPD	1/9/2023	Organic	2,4-Dichlorophenol	n/a	=	16	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	LCS	1/9/2023	Organic	2,4-Dichlorophenol	n/a	=	16.3	µg/L	EPA 8270C	0.51	1			
2022/23-2	Lab	LCS, rec	1/9/2023	Organic	2,4-Dichlorophenol	n/a	=	81	%	EPA 8270C	-88	-88	32	105	
2022/23-2	Lab	srgt method blank	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.82	µg/L	EPA 515.4	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	srgt method blank, rec	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2022/23-2	Lab	srgt LCS	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.4	-88	-88			
2022/23-2	Lab	srgt LCS, rec	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	srgt matrix spike	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.4	-88	-88			
2022/23-2	ME-CC	srgt matrix spike, rec	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	srgt matrix spike dup	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.4	-88	-88			
2022/23-2	ME-CC	srgt matrix spike dup, rec	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	srgt environ	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.87	µg/L	EPA 515.4	-88	-88			
2022/23-2	ME-CC	srgt environ, rec	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-VR2	srgt environ	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.4	-88	-88			
2022/23-2	ME-VR2	srgt environ, rec	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-2	MO-CAM	srgt environ	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.3	µg/L	EPA 515.4	-88	-88			
2022/23-2	MO-CAM	srgt environ, rec	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	113	%	EPA 515.4	-88	-88	70	130	
2022/23-2	MO-FIL	srgt environ	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.2	µg/L	EPA 515.4	-88	-88			
2022/23-2	MO-FIL	srgt environ, rec	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	112	%	EPA 515.4	-88	-88	70	130	
2022/23-2	MO-HUE	srgt environ	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.4	-88	-88			
2022/23-2	MO-HUE	srgt environ, rec	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-2	MO-MEI	srgt environ	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11	µg/L	EPA 515.4	-88	-88			
2022/23-2	MO-MEI	srgt environ, rec	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	110	%	EPA 515.4	-88	-88	70	130	
2022/23-2	MO-MPK	srgt environ	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.4	-88	-88			
2022/23-2	MO-MPK	srgt environ, rec	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2022/23-2	MO-OJA	srgt environ	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.7	µg/L	EPA 515.4	-88	-88			
2022/23-2	MO-OJA	srgt environ, rec	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2022/23-2	MO-OXN	srgt environ	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.5	µg/L	EPA 515.4	-88	-88			
2022/23-2	MO-OXN	srgt environ, rec	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	115	%	EPA 515.4	-88	-88	70	130	
2022/23-2	MO-SIM	srgt environ	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.9	µg/L	EPA 515.4	-88	-88			
2022/23-2	MO-SIM	srgt environ, rec	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	109	%	EPA 515.4	-88	-88	70	130	
2022/23-2	MO-SPA	srgt environ	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12	µg/L	EPA 515.4	-88	-88			
2022/23-2	MO-SPA	srgt environ, rec	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	120	%	EPA 515.4	-88	-88	70	130	
2022/23-2	MO-THO	srgt environ	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.4	-88	-88			
2022/23-2	MO-THO	srgt environ, rec	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-2	MO-VEN	srgt environ	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12.3	µg/L	EPA 515.4	-88	-88			
2022/23-2	MO-VEN	srgt environ, rec	12/11/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	123	%	EPA 515.4	-88	-88	70	130	
2022/23-2	Lab	LCS dup	1/4/2023	Organic	2,4-Dimethylphenol	n/a	=	5	µg/L	EPA 625.1	0.76	1			IL
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	2,4-Dimethylphenol	n/a	=	25	%	EPA 625.1	-88	-88	42	120	IL
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	2,4-Dimethylphenol	n/a	=	58	%	EPA 625.1	-88	-88	0	30	IL
2022/23-2	Lab	LCS	1/4/2023	Organic	2,4-Dimethylphenol	n/a	=	9.13	µg/L	EPA 625.1	0.76	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	2,4-Dimethylphenol	n/a	=	46	%	EPA 625.1	-88	-88	42	120	
2022/23-2	Lab	method blank	1/4/2023	Organic	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1			
2022/23-2	Lab	method blank	1/7/2023	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-2	Lab	LCS dup	1/7/2023	Organic	2,4-Dimethylphenol	n/a	=	4	µg/L	EPA 8270C	1	2			IL
2022/23-2	Lab	LCS dup, rec	1/7/2023	Organic	2,4-Dimethylphenol	n/a	=	20	%	EPA 8270C	-88	-88	31	97	IL
2022/23-2	Lab	LCS, RPD	1/7/2023	Organic	2,4-Dimethylphenol	n/a	=	65	%	EPA 8270C	-88	-88	0	30	IL
2022/23-2	Lab	LCS	1/7/2023	Organic	2,4-Dimethylphenol	n/a	=	7.86	µg/L	EPA 8270C	1	2			
2022/23-2	Lab	LCS, rec	1/7/2023	Organic	2,4-Dimethylphenol	n/a	=	39	%	EPA 8270C	-88	-88	31	97	
2022/23-2	Lab	method blank	1/9/2023	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-2	Lab	LCS dup	1/9/2023	Organic	2,4-Dimethylphenol	n/a	=	2.48	µg/L	EPA 8270C	1	2			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	
2022/23-2	Lab	LCS dup, rec	1/9/2023	Organic	2,4-Dimethylphenol	n/a	=	12	%	EPA 8270C	-88	-88	31	97	IL
2022/23-2	Lab	LCS, RPD	1/9/2023	Organic	2,4-Dimethylphenol	n/a	=	69	%	EPA 8270C	-88	-88	0	30	IL
2022/23-2	Lab	LCS	1/9/2023	Organic	2,4-Dimethylphenol	n/a	=	5.11	µg/L	EPA 8270C	1	2			
2022/23-2	Lab	LCS, rec	1/9/2023	Organic	2,4-Dimethylphenol	n/a	=	26	%	EPA 8270C	-88	-88	31	97	
2022/23-2	Lab	LCS dup	1/4/2023	Organic	2,4-Dinitrophenol	n/a	=	22.1	µg/L	EPA 625.1	1.9	10			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	2,4-Dinitrophenol	n/a	=	110	%	EPA 625.1	-88	-88	0.1	173	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	2,4-Dinitrophenol	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	2,4-Dinitrophenol	n/a	=	26.6	µg/L	EPA 625.1	1.9	10			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	2,4-Dinitrophenol	n/a	=	133	%	EPA 625.1	-88	-88	0.1	173	
2022/23-2	Lab	method blank	1/4/2023	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2022/23-2	Lab	method blank	1/7/2023	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-2	Lab	LCS dup	1/7/2023	Organic	2,4-Dinitrophenol	n/a	=	22.4	µg/L	EPA 8270C	1	2			
2022/23-2	Lab	LCS dup, rec	1/7/2023	Organic	2,4-Dinitrophenol	n/a	=	112	%	EPA 8270C	-88	-88	7	155	
2022/23-2	Lab	LCS, RPD	1/7/2023	Organic	2,4-Dinitrophenol	n/a	=	17	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	LCS	1/7/2023	Organic	2,4-Dinitrophenol	n/a	=	26.5	µg/L	EPA 8270C	1	2			
2022/23-2	Lab	LCS, rec	1/7/2023	Organic	2,4-Dinitrophenol	n/a	=	133	%	EPA 8270C	-88	-88	7	155	
2022/23-2	Lab	method blank	1/9/2023	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-2	Lab	LCS dup	1/9/2023	Organic	2,4-Dinitrophenol	n/a	=	18.1	µg/L	EPA 8270C	1	2			
2022/23-2	Lab	LCS dup, rec	1/9/2023	Organic	2,4-Dinitrophenol	n/a	=	90	%	EPA 8270C	-88	-88	7	155	
2022/23-2	Lab	LCS, RPD	1/9/2023	Organic	2,4-Dinitrophenol	n/a	=	20	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	LCS	1/9/2023	Organic	2,4-Dinitrophenol	n/a	=	22	µg/L	EPA 8270C	1	2			
2022/23-2	Lab	LCS, rec	1/9/2023	Organic	2,4-Dinitrophenol	n/a	=	110	%	EPA 8270C	-88	-88	7	155	
2022/23-2	Lab	LCS dup	1/4/2023	Organic	2,4-Dinitrotoluene	n/a	=	15.6	µg/L	EPA 625.1	0.46	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	2,4-Dinitrotoluene	n/a	=	78	%	EPA 625.1	-88	-88	48	127	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	2,4-Dinitrotoluene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	2,4-Dinitrotoluene	n/a	=	17.6	µg/L	EPA 625.1	0.46	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	2,4-Dinitrotoluene	n/a	=	88	%	EPA 625.1	-88	-88	48	127	
2022/23-2	Lab	method blank	1/4/2023	Organic	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	2,6-Dinitrotoluene	n/a	=	15.7	µg/L	EPA 625.1	0.27	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	2,6-Dinitrotoluene	n/a	=	78	%	EPA 625.1	-88	-88	68	137	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	2,6-Dinitrotoluene	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	2,6-Dinitrotoluene	n/a	=	18.9	µg/L	EPA 625.1	0.27	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	2,6-Dinitrotoluene	n/a	=	94	%	EPA 625.1	-88	-88	68	137	
2022/23-2	Lab	method blank	1/4/2023	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	2-Chloronaphthalene	n/a	=	15.3	µg/L	EPA 625.1	0.45	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	2-Chloronaphthalene	n/a	=	76	%	EPA 625.1	-88	-88	65	120	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	2-Chloronaphthalene	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	2-Chloronaphthalene	n/a	=	18.1	µg/L	EPA 625.1	0.45	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	2-Chloronaphthalene	n/a	=	90	%	EPA 625.1	-88	-88	65	120	
2022/23-2	Lab	method blank	1/4/2023	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	2-Chlorophenol	n/a	=	13.3	µg/L	EPA 625.1	0.28	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	2-Chlorophenol	n/a	=	66	%	EPA 625.1	-88	-88	36	120	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	2-Chlorophenol	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	2-Chlorophenol	n/a	=	15.8	µg/L	EPA 625.1	0.28	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	2-Chlorophenol	n/a	=	79	%	EPA 625.1	-88	-88	36	120	
2022/23-2	Lab	method blank	1/4/2023	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2022/23-2	Lab	method blank	1/7/2023	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	LCS dup	1/7/2023	Organic	2-Chlorophenol	n/a	=	13.4	µg/L	EPA 8270C	0.65	1			
2022/23-2	Lab	LCS dup, rec	1/7/2023	Organic	2-Chlorophenol	n/a	=	67	%	EPA 8270C	-88	-88	27	90	
2022/23-2	Lab	LCS, RPD	1/7/2023	Organic	2-Chlorophenol	n/a	=	15	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	LCS	1/7/2023	Organic	2-Chlorophenol	n/a	=	15.5	µg/L	EPA 8270C	0.65	1			
2022/23-2	Lab	LCS, rec	1/7/2023	Organic	2-Chlorophenol	n/a	=	77	%	EPA 8270C	-88	-88	27	90	
2022/23-2	Lab	method blank	1/9/2023	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2022/23-2	Lab	LCS dup	1/9/2023	Organic	2-Chlorophenol	n/a	=	13.8	µg/L	EPA 8270C	0.65	1			
2022/23-2	Lab	LCS dup, rec	1/9/2023	Organic	2-Chlorophenol	n/a	=	69	%	EPA 8270C	-88	-88	27	90	
2022/23-2	Lab	LCS, RPD	1/9/2023	Organic	2-Chlorophenol	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	LCS	1/9/2023	Organic	2-Chlorophenol	n/a	=	15.4	µg/L	EPA 8270C	0.65	1			
2022/23-2	Lab	LCS, rec	1/9/2023	Organic	2-Chlorophenol	n/a	=	77	%	EPA 8270C	-88	-88	27	90	
2022/23-2	Lab	srgt LCS dup	1/4/2023	Organic	2-Fluorobiphenyl	n/a	=	15.9	µg/L	EPA 625.1	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	1/4/2023	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625.1	-88	-88	22	120	
2022/23-2	Lab	srgt LCS	1/4/2023	Organic	2-Fluorobiphenyl	n/a	=	18	µg/L	EPA 625.1	-88	-88			
2022/23-2	Lab	srgt LCS, rec	1/4/2023	Organic	2-Fluorobiphenyl	n/a	=	90	%	EPA 625.1	-88	-88	22	120	
2022/23-2	Lab	srgt method blank	1/4/2023	Organic	2-Fluorobiphenyl	n/a	=	14.7	µg/L	EPA 625.1	-88	-88			
2022/23-2	Lab	srgt method blank, rec	1/4/2023	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625.1	-88	-88	22	120	
2022/23-2	Lab	srgt LCS	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	13.9	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt LCS, rec	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270C	-88	-88	51	139	
2022/23-2	Lab	srgt LCS dup	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	15.4	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2022/23-2	Lab	srgt method blank	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	13.6	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt method blank, rec	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270C	-88	-88	51	139	
2022/23-2	ME-CC	srgt environ	1/4/2023	Organic	2-Fluorobiphenyl	n/a	=	15.3	µg/L	EPA 625.1	-88	-88			
2022/23-2	ME-CC	srgt environ, rec	1/4/2023	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 625.1	-88	-88	22	120	
2022/23-2	ME-CC	srgt environ	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	13.6	µg/L	EPA 8270C	-88	-88			
2022/23-2	ME-CC	srgt environ, rec	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 8270C	-88	-88	51	139	
2022/23-2	ME-VR2	srgt environ	1/4/2023	Organic	2-Fluorobiphenyl	n/a	=	15	µg/L	EPA 625.1	-88	-88			
2022/23-2	ME-VR2	srgt environ, rec	1/4/2023	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625.1	-88	-88	22	120	
2022/23-2	ME-VR2	srgt environ	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	13.4	µg/L	EPA 8270C	-88	-88			
2022/23-2	ME-VR2	srgt environ, rec	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 8270C	-88	-88	51	139	
2022/23-2	MO-CAM	srgt environ	1/4/2023	Organic	2-Fluorobiphenyl	n/a	=	18.2	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-CAM	srgt environ, rec	1/4/2023	Organic	2-Fluorobiphenyl	n/a	=	90	%	EPA 625.1	-88	-88	22	120	
2022/23-2	MO-CAM	srgt environ	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	16.8	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-CAM	srgt environ, rec	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 8270C	-88	-88	51	139	
2022/23-2	MO-FIL	srgt environ	1/5/2023	Organic	2-Fluorobiphenyl	n/a	=	15	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-FIL	srgt environ, rec	1/5/2023	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625.1	-88	-88	22	120	
2022/23-2	MO-FIL	srgt environ	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	13.3	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-FIL	srgt environ, rec	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270C	-88	-88	51	139	
2022/23-2	MO-HUE	srgt environ	1/5/2023	Organic	2-Fluorobiphenyl	n/a	=	16.2	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-HUE	srgt environ, rec	1/5/2023	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 625.1	-88	-88	22	120	
2022/23-2	MO-HUE	srgt environ	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	13.9	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-HUE	srgt environ, rec	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270C	-88	-88	51	139	
2022/23-2	MO-MEI	srgt environ	1/4/2023	Organic	2-Fluorobiphenyl	n/a	=	16.5	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-MEI	srgt environ, rec	1/4/2023	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 625.1	-88	-88	22	120	
2022/23-2	MO-MEI	srgt environ	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	15.4	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-MEI	srgt environ, rec	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 8270C	-88	-88	51	139	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	MO-MPK	srgt environ	1/5/2023	Organic	2-Fluorobiphenyl	n/a	=	17.1	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-MPK	srgt environ, rec	1/5/2023	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 625.1	-88	-88	22	120	
2022/23-2	MO-MPK	srgt environ	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	14	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-MPK	srgt environ, rec	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 8270C	-88	-88	51	139	
2022/23-2	MO-OJA	srgt environ	1/4/2023	Organic	2-Fluorobiphenyl	n/a	=	16.5	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-OJA	srgt environ, rec	1/4/2023	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625.1	-88	-88	22	120	
2022/23-2	MO-OJA	srgt environ	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	15.9	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-OJA	srgt environ, rec	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 8270C	-88	-88	51	139	
2022/23-2	MO-OXN	srgt environ	1/5/2023	Organic	2-Fluorobiphenyl	n/a	=	16.5	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-OXN	srgt environ, rec	1/5/2023	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 625.1	-88	-88	22	120	
2022/23-2	MO-OXN	srgt environ	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	15.2	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-OXN	srgt environ, rec	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 8270C	-88	-88	51	139	
2022/23-2	MO-SIM	srgt environ	1/5/2023	Organic	2-Fluorobiphenyl	n/a	=	15.1	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-SIM	srgt environ, rec	1/5/2023	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 625.1	-88	-88	22	120	
2022/23-2	MO-SIM	srgt environ	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	13.5	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-SIM	srgt environ, rec	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 8270C	-88	-88	51	139	
2022/23-2	MO-SPA	srgt environ	1/4/2023	Organic	2-Fluorobiphenyl	n/a	=	31.7	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-SPA	srgt environ, rec	1/4/2023	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625.1	-88	-88	22	120	
2022/23-2	MO-SPA	srgt environ	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	27	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-SPA	srgt environ, rec	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270C	-88	-88	51	139	
2022/23-2	MO-THO	srgt environ	1/5/2023	Organic	2-Fluorobiphenyl	n/a	=	16.9	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-THO	srgt environ, rec	1/5/2023	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 625.1	-88	-88	22	120	
2022/23-2	MO-THO	srgt environ	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	14.5	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-THO	srgt environ, rec	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 8270C	-88	-88	51	139	
2022/23-2	MO-VEN	srgt environ	1/4/2023	Organic	2-Fluorobiphenyl	n/a	=	15.6	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-VEN	srgt environ, rec	1/4/2023	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 625.1	-88	-88	22	120	
2022/23-2	MO-VEN	srgt environ	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	14.4	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-VEN	srgt environ, rec	1/6/2023	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 8270C	-88	-88	51	139	
2022/23-2	Lab	srgt LCS dup	1/4/2023	Organic	2-Fluorophenol	n/a	=	18.9	µg/L	EPA 625.1	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	1/4/2023	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2022/23-2	Lab	srgt LCS	1/4/2023	Organic	2-Fluorophenol	n/a	=	23.1	µg/L	EPA 625.1	-88	-88			
2022/23-2	Lab	srgt LCS, rec	1/4/2023	Organic	2-Fluorophenol	n/a	=	58	%	EPA 625.1	-88	-88	17	120	
2022/23-2	Lab	srgt method blank	1/4/2023	Organic	2-Fluorophenol	n/a	=	18.9	µg/L	EPA 625.1	-88	-88			
2022/23-2	Lab	srgt method blank, rec	1/4/2023	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2022/23-2	Lab	srgt method blank	1/7/2023	Organic	2-Fluorophenol	n/a	=	16.4	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt method blank, rec	1/7/2023	Organic	2-Fluorophenol	n/a	=	41	%	EPA 8270C	-88	-88	11	62	
2022/23-2	Lab	srgt LCS dup	1/7/2023	Organic	2-Fluorophenol	n/a	=	17.8	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	1/7/2023	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2022/23-2	Lab	srgt LCS	1/7/2023	Organic	2-Fluorophenol	n/a	=	19.8	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt LCS, rec	1/7/2023	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270C	-88	-88	11	62	
2022/23-2	Lab	srgt method blank	1/9/2023	Organic	2-Fluorophenol	n/a	=	15.3	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt method blank, rec	1/9/2023	Organic	2-Fluorophenol	n/a	=	38	%	EPA 8270C	-88	-88	11	62	
2022/23-2	Lab	srgt LCS dup	1/9/2023	Organic	2-Fluorophenol	n/a	=	18.5	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	1/9/2023	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2022/23-2	Lab	srgt LCS	1/9/2023	Organic	2-Fluorophenol	n/a	=	23.3	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt LCS, rec	1/9/2023	Organic	2-Fluorophenol	n/a	=	58	%	EPA 8270C	-88	-88	11	62	
2022/23-2	ME-CC	srgt environ	1/4/2023	Organic	2-Fluorophenol	n/a	=	18.1	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	
2022/23-2	ME-CC	srqt environ, rec	1/4/2023	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625.1	-88	-88	17	120	
2022/23-2	ME-CC	srqt environ	1/7/2023	Organic	2-Fluorophenol	n/a	=	18.8	µg/L	EPA 8270C	-88	-88			
2022/23-2	ME-CC	srqt environ, rec	1/7/2023	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2022/23-2	ME-VR2	srqt environ	1/4/2023	Organic	2-Fluorophenol	n/a	=	14.1	µg/L	EPA 625.1	-88	-88			
2022/23-2	ME-VR2	srqt environ, rec	1/4/2023	Organic	2-Fluorophenol	n/a	=	35	%	EPA 625.1	-88	-88	17	120	
2022/23-2	ME-VR2	srqt environ	1/7/2023	Organic	2-Fluorophenol	n/a	=	12.8	µg/L	EPA 8270C	-88	-88			
2022/23-2	ME-VR2	srqt environ, rec	1/7/2023	Organic	2-Fluorophenol	n/a	=	32	%	EPA 8270C	-88	-88	11	62	
2022/23-2	MO-CAM	srqt environ	1/4/2023	Organic	2-Fluorophenol	n/a	=	18.3	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-CAM	srqt environ, rec	1/4/2023	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625.1	-88	-88	17	120	
2022/23-2	MO-CAM	srqt environ	1/7/2023	Organic	2-Fluorophenol	n/a	=	14.8	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-CAM	srqt environ, rec	1/7/2023	Organic	2-Fluorophenol	n/a	=	37	%	EPA 8270C	-88	-88	11	62	
2022/23-2	MO-FIL	srqt environ	1/5/2023	Organic	2-Fluorophenol	n/a	=	18.8	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-FIL	srqt environ, rec	1/5/2023	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625.1	-88	-88	17	120	
2022/23-2	MO-FIL	srqt environ	1/9/2023	Organic	2-Fluorophenol	n/a	=	18.1	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-FIL	srqt environ, rec	1/9/2023	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2022/23-2	MO-HUE	srqt environ	1/5/2023	Organic	2-Fluorophenol	n/a	=	22.2	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-HUE	srqt environ, rec	1/5/2023	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625.1	-88	-88	17	120	
2022/23-2	MO-HUE	srqt environ	1/9/2023	Organic	2-Fluorophenol	n/a	=	20.4	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-HUE	srqt environ, rec	1/9/2023	Organic	2-Fluorophenol	n/a	=	51	%	EPA 8270C	-88	-88	11	62	
2022/23-2	MO-MEI	srqt environ	1/4/2023	Organic	2-Fluorophenol	n/a	=	19.4	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-MEI	srqt environ, rec	1/4/2023	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2022/23-2	MO-MEI	srqt environ	1/7/2023	Organic	2-Fluorophenol	n/a	=	15.7	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-MEI	srqt environ, rec	1/7/2023	Organic	2-Fluorophenol	n/a	=	38	%	EPA 8270C	-88	-88	11	62	
2022/23-2	MO-MPK	srqt environ	1/5/2023	Organic	2-Fluorophenol	n/a	=	23	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-MPK	srqt environ, rec	1/5/2023	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625.1	-88	-88	17	120	
2022/23-2	MO-MPK	srqt environ	1/9/2023	Organic	2-Fluorophenol	n/a	=	20.8	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-MPK	srqt environ, rec	1/9/2023	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270C	-88	-88	11	62	
2022/23-2	MO-OJA	srqt environ	1/4/2023	Organic	2-Fluorophenol	n/a	=	17.4	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-OJA	srqt environ, rec	1/4/2023	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625.1	-88	-88	17	120	
2022/23-2	MO-OJA	srqt environ	1/7/2023	Organic	2-Fluorophenol	n/a	=	16.1	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-OJA	srqt environ, rec	1/7/2023	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270C	-88	-88	11	62	
2022/23-2	MO-OXN	srqt environ	1/5/2023	Organic	2-Fluorophenol	n/a	=	20.3	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-OXN	srqt environ, rec	1/5/2023	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625.1	-88	-88	17	120	
2022/23-2	MO-OXN	srqt environ	1/9/2023	Organic	2-Fluorophenol	n/a	=	18.8	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-OXN	srqt environ, rec	1/9/2023	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2022/23-2	MO-SIM	srqt environ	1/5/2023	Organic	2-Fluorophenol	n/a	=	20.5	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-SIM	srqt environ, rec	1/5/2023	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625.1	-88	-88	17	120	
2022/23-2	MO-SIM	srqt environ	1/9/2023	Organic	2-Fluorophenol	n/a	=	20.3	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-SIM	srqt environ, rec	1/9/2023	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270C	-88	-88	11	62	
2022/23-2	MO-SPA	srqt environ	1/4/2023	Organic	2-Fluorophenol	n/a	=	38.9	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-SPA	srqt environ, rec	1/4/2023	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625.1	-88	-88	17	120	
2022/23-2	MO-SPA	srqt environ	1/9/2023	Organic	2-Fluorophenol	n/a	=	34.3	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-SPA	srqt environ, rec	1/9/2023	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2022/23-2	MO-THO	srqt environ	1/5/2023	Organic	2-Fluorophenol	n/a	=	20.5	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-THO	srqt environ, rec	1/5/2023	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625.1	-88	-88	17	120	
2022/23-2	MO-THO	srqt environ	1/9/2023	Organic	2-Fluorophenol	n/a	=	20.6	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-THO	srqt environ, rec	1/9/2023	Organic	2-Fluorophenol	n/a	=	51	%	EPA 8270C	-88	-88	11	62	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	MO-VEN	srgt environ	1/4/2023	Organic	2-Fluorophenol	n/a	=	18.1	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-VEN	srgt environ, rec	1/4/2023	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625.1	-88	-88	17	120	
2022/23-2	MO-VEN	srgt environ	1/7/2023	Organic	2-Fluorophenol	n/a	=	14.6	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-VEN	srgt environ, rec	1/7/2023	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270C	-88	-88	11	62	
2022/23-2	Lab	method blank	1/6/2023	Organic	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-2	Lab	method blank	1/7/2023	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2022/23-2	Lab	method blank	1/9/2023	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	2-Nitrophenol	n/a	=	15.9	µg/L	EPA 625.1	0.26	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	2-Nitrophenol	n/a	=	80	%	EPA 625.1	-88	-88	45	167	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	2-Nitrophenol	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	2-Nitrophenol	n/a	=	18.9	µg/L	EPA 625.1	0.26	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	2-Nitrophenol	n/a	=	94	%	EPA 625.1	-88	-88	45	167	
2022/23-2	Lab	method blank	1/4/2023	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-2	Lab	method blank	1/7/2023	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2022/23-2	Lab	LCS dup	1/7/2023	Organic	2-Nitrophenol	n/a	=	14.4	µg/L	EPA 8270C	0.71	1			
2022/23-2	Lab	LCS dup, rec	1/7/2023	Organic	2-Nitrophenol	n/a	=	72	%	EPA 8270C	-88	-88	33	103	
2022/23-2	Lab	LCS, RPD	1/7/2023	Organic	2-Nitrophenol	n/a	=	17	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	LCS	1/7/2023	Organic	2-Nitrophenol	n/a	=	17	µg/L	EPA 8270C	0.71	1			
2022/23-2	Lab	LCS, rec	1/7/2023	Organic	2-Nitrophenol	n/a	=	85	%	EPA 8270C	-88	-88	33	103	
2022/23-2	Lab	method blank	1/9/2023	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2022/23-2	Lab	LCS dup	1/9/2023	Organic	2-Nitrophenol	n/a	=	14.7	µg/L	EPA 8270C	0.71	1			
2022/23-2	Lab	LCS dup, rec	1/9/2023	Organic	2-Nitrophenol	n/a	=	73	%	EPA 8270C	-88	-88	33	103	
2022/23-2	Lab	LCS, RPD	1/9/2023	Organic	2-Nitrophenol	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	LCS	1/9/2023	Organic	2-Nitrophenol	n/a	=	16.6	µg/L	EPA 8270C	0.71	1			
2022/23-2	Lab	LCS, rec	1/9/2023	Organic	2-Nitrophenol	n/a	=	83	%	EPA 8270C	-88	-88	33	103	
2022/23-2	Lab	LCS dup	1/4/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	8.28	µg/L	EPA 625.1	2.5	5			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	41	%	EPA 625.1	-88	-88	8	213	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	8.92	µg/L	EPA 625.1	2.5	5			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	45	%	EPA 625.1	-88	-88	8	213	
2022/23-2	Lab	method blank	1/4/2023	Organic	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5			
2022/23-2	Lab	method blank	1/7/2023	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2022/23-2	Lab	method blank	1/9/2023	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	17.7	µg/L	EPA 625.1	0.5	5			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	88	%	EPA 625.1	-88	-88	53	130	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	21.3	µg/L	EPA 625.1	0.5	5			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	106	%	EPA 625.1	-88	-88	53	130	
2022/23-2	Lab	method blank	1/4/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5			
2022/23-2	Lab	method blank	1/7/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2022/23-2	Lab	LCS dup	1/7/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	18.5	µg/L	EPA 8270C	0.14	1			
2022/23-2	Lab	LCS dup, rec	1/7/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	93	%	EPA 8270C	-88	-88	33	118	
2022/23-2	Lab	LCS, RPD	1/7/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	12	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	LCS	1/7/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.9	µg/L	EPA 8270C	0.14	1			
2022/23-2	Lab	LCS, rec	1/7/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	104	%	EPA 8270C	-88	-88	33	118	
2022/23-2	Lab	method blank	1/9/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2022/23-2	Lab	LCS dup	1/9/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	16.3	µg/L	EPA 8270C	0.14	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	LCS dup, rec	1/9/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	82	%	EPA 8270C	-88	-88	33	118	
2022/23-2	Lab	LCS, RPD	1/9/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	16	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	LCS	1/9/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	19.2	µg/L	EPA 8270C	0.14	1			
2022/23-2	Lab	LCS, rec	1/9/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	96	%	EPA 8270C	-88	-88	33	118	
2022/23-2	Lab	srgt LCS	12/11/2022	Organic	4-Bromofluorobenzene	n/a	=	50.5	µg/L	EPA 8260B	-88	-88			
2022/23-2	Lab	srgt LCS, rec	12/11/2022	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 8260B	-88	-88	83	110	
2022/23-2	Lab	srgt LCS dup	12/11/2022	Organic	4-Bromofluorobenzene	n/a	=	50.9	µg/L	EPA 8260B	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	12/11/2022	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 8260B	-88	-88	83	110	
2022/23-2	Lab	srgt method blank	12/11/2022	Organic	4-Bromofluorobenzene	n/a	=	51.2	µg/L	EPA 8260B	-88	-88			
2022/23-2	Lab	srgt method blank, rec	12/11/2022	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 8260B	-88	-88	83	110	
2022/23-2	Lab	srgt LCS	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	49.7	µg/L	EPA 8260B	-88	-88			
2022/23-2	Lab	srgt LCS, rec	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 8260B	-88	-88	83	110	
2022/23-2	Lab	srgt LCS dup	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	49.9	µg/L	EPA 8260B	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2022/23-2	Lab	srgt method blank	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	50.2	µg/L	EPA 8260B	-88	-88			
2022/23-2	Lab	srgt method blank, rec	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2022/23-2	Lab	srgt LCS	12/21/2022	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 8260B	-88	-88			
2022/23-2	Lab	srgt LCS, rec	12/21/2022	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8260B	-88	-88	83	110	
2022/23-2	Lab	srgt LCS dup	12/21/2022	Organic	4-Bromofluorobenzene	n/a	=	48.1	µg/L	EPA 8260B	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	12/21/2022	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8260B	-88	-88	83	110	
2022/23-2	Lab	srgt method blank	12/21/2022	Organic	4-Bromofluorobenzene	n/a	=	47.9	µg/L	EPA 8260B	-88	-88			
2022/23-2	Lab	srgt method blank, rec	12/21/2022	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8260B	-88	-88	83	110	
2022/23-2	ME-CC	srgt environ	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	51.2	µg/L	EPA 8260B	-88	-88			
2022/23-2	ME-CC	srgt environ, rec	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 8260B	-88	-88	83	110	
2022/23-2	ME-VR2	srgt environ	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	49.8	µg/L	EPA 8260B	-88	-88			
2022/23-2	ME-VR2	srgt environ, rec	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2022/23-2	MO-CAM	srgt environ	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	48.8	µg/L	EPA 8260B	-88	-88			
2022/23-2	MO-CAM	srgt environ, rec	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2022/23-2	MO-FIL	srgt environ	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	49.1	µg/L	EPA 8260B	-88	-88			
2022/23-2	MO-FIL	srgt environ, rec	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2022/23-2	MO-HUE	srgt field duplicate	12/11/2022	Organic	4-Bromofluorobenzene	n/a	=	53	µg/L	EPA 8260B	-88	-88			
2022/23-2	MO-HUE	srgt field duplicate, rec	12/11/2022	Organic	4-Bromofluorobenzene	n/a	=	106	%	EPA 8260B	-88	-88	83	110	
2022/23-2	MO-HUE	srgt environ	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	48.9	µg/L	EPA 8260B	-88	-88			
2022/23-2	MO-HUE	srgt environ, rec	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2022/23-2	MO-HUE	srgt field blank	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	49.7	µg/L	EPA 8260B	-88	-88			
2022/23-2	MO-HUE	srgt field blank, rec	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 8260B	-88	-88	83	110	
2022/23-2	MO-MEI	srgt environ	12/11/2022	Organic	4-Bromofluorobenzene	n/a	=	55.7	µg/L	EPA 8260B	-88	-88			GN
2022/23-2	MO-MEI	srgt environ, rec	12/11/2022	Organic	4-Bromofluorobenzene	n/a	=	111	%	EPA 8260B	-88	-88	83	110	GN
2022/23-2	MO-MPK	srgt environ	12/11/2022	Organic	4-Bromofluorobenzene	n/a	=	51.9	µg/L	EPA 8260B	-88	-88			
2022/23-2	MO-MPK	srgt environ, rec	12/11/2022	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 8260B	-88	-88	83	110	
2022/23-2	MO-OJA	srgt environ	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	49.5	µg/L	EPA 8260B	-88	-88			
2022/23-2	MO-OJA	srgt environ, rec	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 8260B	-88	-88	83	110	
2022/23-2	MO-OXN	srgt environ	12/21/2022	Organic	4-Bromofluorobenzene	n/a	=	45.8	µg/L	EPA 8260B	-88	-88			
2022/23-2	MO-OXN	srgt environ, rec	12/21/2022	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 8260B	-88	-88	83	110	
2022/23-2	MO-SIM	srgt environ	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	52.9	µg/L	EPA 8260B	-88	-88			
2022/23-2	MO-SIM	srgt environ, rec	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	106	%	EPA 8260B	-88	-88	83	110	
2022/23-2	MO-SPA	srgt environ	12/11/2022	Organic	4-Bromofluorobenzene	n/a	=	52.6	µg/L	EPA 8260B	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	MO-SPA	srgt environ, rec	12/11/2022	Organic	4-Bromofluorobenzene	n/a	=	105	%	EPA 8260B	-88	-88	83	110	
2022/23-2	MO-THO	srgt environ	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	49.9	µg/L	EPA 8260B	-88	-88			
2022/23-2	MO-THO	srgt environ, rec	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2022/23-2	MO-VEN	srgt environ	12/21/2022	Organic	4-Bromofluorobenzene	n/a	=	47.1	µg/L	EPA 8260B	-88	-88			
2022/23-2	MO-VEN	srgt environ, rec	12/21/2022	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 8260B	-88	-88	83	110	
2022/23-2	Lab	LCS dup	1/4/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	15.9	µg/L	EPA 625.1	0.36	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	79	%	EPA 625.1	-88	-88	65	120	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	18.6	µg/L	EPA 625.1	0.36	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	93	%	EPA 625.1	-88	-88	65	120	
2022/23-2	Lab	method blank	1/4/2023	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	4-Chloro-3-methylphenol	n/a	=	15.4	µg/L	EPA 625.1	0.23	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	4-Chloro-3-methylphenol	n/a	=	77	%	EPA 625.1	-88	-88	41	128	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	4-Chloro-3-methylphenol	n/a	=	20	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	4-Chloro-3-methylphenol	n/a	=	18.7	µg/L	EPA 625.1	0.23	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	4-Chloro-3-methylphenol	n/a	=	94	%	EPA 625.1	-88	-88	41	128	
2022/23-2	Lab	method blank	1/4/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2022/23-2	Lab	method blank	1/7/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2022/23-2	Lab	LCS dup	1/7/2023	Organic	4-Chloro-3-methylphenol	n/a	=	13.9	µg/L	EPA 8270C	0.37	1			
2022/23-2	Lab	LCS dup, rec	1/7/2023	Organic	4-Chloro-3-methylphenol	n/a	=	70	%	EPA 8270C	-88	-88	29	108	
2022/23-2	Lab	LCS, RPD	1/7/2023	Organic	4-Chloro-3-methylphenol	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	LCS	1/7/2023	Organic	4-Chloro-3-methylphenol	n/a	=	16.1	µg/L	EPA 8270C	0.37	1			
2022/23-2	Lab	LCS, rec	1/7/2023	Organic	4-Chloro-3-methylphenol	n/a	=	80	%	EPA 8270C	-88	-88	29	108	
2022/23-2	Lab	method blank	1/9/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2022/23-2	Lab	LCS dup	1/9/2023	Organic	4-Chloro-3-methylphenol	n/a	=	13.8	µg/L	EPA 8270C	0.37	1			
2022/23-2	Lab	LCS dup, rec	1/9/2023	Organic	4-Chloro-3-methylphenol	n/a	=	69	%	EPA 8270C	-88	-88	29	108	
2022/23-2	Lab	LCS, RPD	1/9/2023	Organic	4-Chloro-3-methylphenol	n/a	=	15	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	LCS	1/9/2023	Organic	4-Chloro-3-methylphenol	n/a	=	16.1	µg/L	EPA 8270C	0.37	1			
2022/23-2	Lab	LCS, rec	1/9/2023	Organic	4-Chloro-3-methylphenol	n/a	=	81	%	EPA 8270C	-88	-88	29	108	
2022/23-2	Lab	LCS dup	1/4/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	13.9	µg/L	EPA 625.1	0.41	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	69	%	EPA 625.1	-88	-88	38	145	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	16.7	µg/L	EPA 625.1	0.41	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	84	%	EPA 625.1	-88	-88	38	145	
2022/23-2	Lab	method blank	1/4/2023	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	4-Nitrophenol	n/a	=	5.81	µg/L	EPA 625.1	1.2	5			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	4-Nitrophenol	n/a	=	29	%	EPA 625.1	-88	-88	13	129	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	4-Nitrophenol	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	4-Nitrophenol	n/a	=	6.96	µg/L	EPA 625.1	1.2	5			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	4-Nitrophenol	n/a	=	35	%	EPA 625.1	-88	-88	13	129	
2022/23-2	Lab	method blank	1/4/2023	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2022/23-2	Lab	method blank	1/7/2023	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-2	Lab	LCS dup	1/7/2023	Organic	4-Nitrophenol	n/a	=	6.37	µg/L	EPA 8270C	1	2			
2022/23-2	Lab	LCS dup, rec	1/7/2023	Organic	4-Nitrophenol	n/a	=	32	%	EPA 8270C	-88	-88	6	46	
2022/23-2	Lab	LCS, RPD	1/7/2023	Organic	4-Nitrophenol	n/a	=	17	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	LCS	1/7/2023	Organic	4-Nitrophenol	n/a	=	7.52	µg/L	EPA 8270C	1	2			
2022/23-2	Lab	LCS, rec	1/7/2023	Organic	4-Nitrophenol	n/a	=	38	%	EPA 8270C	-88	-88	6	46	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	method blank	1/9/2023	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-2	Lab	LCS dup	1/9/2023	Organic	4-Nitrophenol	n/a	=	6.26	µg/L	EPA 8270C	1	2			
2022/23-2	Lab	LCS dup, rec	1/9/2023	Organic	4-Nitrophenol	n/a	=	31	%	EPA 8270C	-88	-88	6	46	
2022/23-2	Lab	LCS, RPD	1/9/2023	Organic	4-Nitrophenol	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	LCS	1/9/2023	Organic	4-Nitrophenol	n/a	=	7.24	µg/L	EPA 8270C	1	2			
2022/23-2	Lab	LCS, rec	1/9/2023	Organic	4-Nitrophenol	n/a	=	36	%	EPA 8270C	-88	-88	6	46	
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Acenaphthene	n/a	=	15.1	µg/L	EPA 625.1	0.38	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Acenaphthene	n/a	=	76	%	EPA 625.1	-88	-88	60	132	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Acenaphthene	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Acenaphthene	n/a	=	18	µg/L	EPA 625.1	0.38	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Acenaphthene	n/a	=	90	%	EPA 625.1	-88	-88	60	132	
2022/23-2	Lab	method blank	1/4/2023	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-2	Lab	LCS	1/6/2023	Organic	Acenaphthene	n/a	=	13.1	µg/L	EPA 8270C	0.028	0.1			
2022/23-2	Lab	LCS, rec	1/6/2023	Organic	Acenaphthene	n/a	=	66	%	EPA 8270C	-88	-88	11	122	
2022/23-2	Lab	LCS dup	1/6/2023	Organic	Acenaphthene	n/a	=	14.6	µg/L	EPA 8270C	0.028	0.1			
2022/23-2	Lab	LCS dup, rec	1/6/2023	Organic	Acenaphthene	n/a	=	73	%	EPA 8270C	-88	-88	11	122	
2022/23-2	Lab	LCS, RPD	1/6/2023	Organic	Acenaphthene	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	method blank	1/6/2023	Organic	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Acenaphthylene	n/a	=	15.9	µg/L	EPA 625.1	0.35	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Acenaphthylene	n/a	=	79	%	EPA 625.1	-88	-88	54	126	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Acenaphthylene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Acenaphthylene	n/a	=	18	µg/L	EPA 625.1	0.35	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Acenaphthylene	n/a	=	90	%	EPA 625.1	-88	-88	54	126	
2022/23-2	Lab	method blank	1/4/2023	Organic	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-2	Lab	LCS	1/6/2023	Organic	Acenaphthylene	n/a	=	13.8	µg/L	EPA 8270C	0.033	0.1			
2022/23-2	Lab	LCS, rec	1/6/2023	Organic	Acenaphthylene	n/a	=	69	%	EPA 8270C	-88	-88	4	135	
2022/23-2	Lab	LCS dup	1/6/2023	Organic	Acenaphthylene	n/a	=	14.9	µg/L	EPA 8270C	0.033	0.1			
2022/23-2	Lab	LCS dup, rec	1/6/2023	Organic	Acenaphthylene	n/a	=	74	%	EPA 8270C	-88	-88	4	135	
2022/23-2	Lab	LCS, RPD	1/6/2023	Organic	Acenaphthylene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	method blank	1/6/2023	Organic	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Anthracene	n/a	=	16.4	µg/L	EPA 625.1	0.41	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Anthracene	n/a	=	82	%	EPA 625.1	-88	-88	43	120	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Anthracene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Anthracene	n/a	=	18.9	µg/L	EPA 625.1	0.41	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Anthracene	n/a	=	94	%	EPA 625.1	-88	-88	43	120	
2022/23-2	Lab	method blank	1/4/2023	Organic	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-2	Lab	LCS	1/6/2023	Organic	Anthracene	n/a	=	13.7	µg/L	EPA 8270C	0.025	0.1			
2022/23-2	Lab	LCS, rec	1/6/2023	Organic	Anthracene	n/a	=	69	%	EPA 8270C	-88	-88	22	127	
2022/23-2	Lab	LCS dup	1/6/2023	Organic	Anthracene	n/a	=	14.8	µg/L	EPA 8270C	0.025	0.1			
2022/23-2	Lab	LCS dup, rec	1/6/2023	Organic	Anthracene	n/a	=	74	%	EPA 8270C	-88	-88	22	127	
2022/23-2	Lab	LCS, RPD	1/6/2023	Organic	Anthracene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	method blank	1/6/2023	Organic	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Benz(a)anthracene	n/a	=	12.6	µg/L	EPA 625.1	0.19	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Benz(a)anthracene	n/a	=	63	%	EPA 625.1	-88	-88	42	133	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Benz(a)anthracene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Benz(a)anthracene	n/a	=	14.6	µg/L	EPA 625.1	0.19	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Benz(a)anthracene	n/a	=	73	%	EPA 625.1	-88	-88	42	133	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	method blank	1/4/2023	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-2	Lab	LCS	1/6/2023	Organic	Benz(a)anthracene	n/a	=	14	µg/L	EPA 8270C	0.051	0.1			
2022/23-2	Lab	LCS, rec	1/6/2023	Organic	Benz(a)anthracene	n/a	=	70	%	EPA 8270C	-88	-88	17	131	
2022/23-2	Lab	LCS dup	1/6/2023	Organic	Benz(a)anthracene	n/a	=	15	µg/L	EPA 8270C	0.051	0.1			
2022/23-2	Lab	LCS dup, rec	1/6/2023	Organic	Benz(a)anthracene	n/a	=	75	%	EPA 8270C	-88	-88	17	131	
2022/23-2	Lab	LCS, RPD	1/6/2023	Organic	Benz(a)anthracene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	method blank	1/6/2023	Organic	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2022/23-2	Lab	method blank	1/4/2023	Organic	Ben-zidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10			
2022/23-2	Lab	method blank	12/17/2022	Organic	Ben-zo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS	12/17/2022	Organic	Ben-zo(a)pyrene	n/a	=	4.77	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Organic	Ben-zo(a)pyrene	n/a	=	95	%	EPA 525.2	-88	-88	60	130	
2022/23-2	Lab	LCS dup	12/17/2022	Organic	Ben-zo(a)pyrene	n/a	=	4.67	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Organic	Ben-zo(a)pyrene	n/a	=	93	%	EPA 525.2	-88	-88	60	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Organic	Ben-zo(a)pyrene	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Organic	Ben-zo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS	12/17/2022	Organic	Ben-zo(a)pyrene	n/a	=	4.05	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Organic	Ben-zo(a)pyrene	n/a	=	81	%	EPA 525.2	-88	-88	60	130	
2022/23-2	Lab	LCS dup	12/17/2022	Organic	Ben-zo(a)pyrene	n/a	=	4.35	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Organic	Ben-zo(a)pyrene	n/a	=	87	%	EPA 525.2	-88	-88	60	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Organic	Ben-zo(a)pyrene	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Ben-zo(a)pyrene	n/a	=	18	µg/L	EPA 625.1	0.39	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Ben-zo(a)pyrene	n/a	=	90	%	EPA 625.1	-88	-88	32	148	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Ben-zo(a)pyrene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Ben-zo(a)pyrene	n/a	=	19.7	µg/L	EPA 625.1	0.39	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Ben-zo(a)pyrene	n/a	=	98	%	EPA 625.1	-88	-88	32	148	
2022/23-2	Lab	method blank	1/4/2023	Organic	Ben-zo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2022/23-2	Lab	LCS	1/6/2023	Organic	Ben-zo(a)pyrene	n/a	=	14.1	µg/L	EPA 8270C	0.051	0.1			
2022/23-2	Lab	LCS, rec	1/6/2023	Organic	Ben-zo(a)pyrene	n/a	=	70	%	EPA 8270C	-88	-88	12	131	
2022/23-2	Lab	LCS dup	1/6/2023	Organic	Ben-zo(a)pyrene	n/a	=	15.4	µg/L	EPA 8270C	0.051	0.1			
2022/23-2	Lab	LCS dup, rec	1/6/2023	Organic	Ben-zo(a)pyrene	n/a	=	77	%	EPA 8270C	-88	-88	12	131	
2022/23-2	Lab	LCS, RPD	1/6/2023	Organic	Ben-zo(a)pyrene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	method blank	1/6/2023	Organic	Ben-zo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Ben-zo(b)fluoranthene	n/a	=	16.9	µg/L	EPA 625.1	0.46	1			ANI
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Ben-zo(b)fluoranthene	n/a	=	84	%	EPA 625.1	-88	-88	42	140	ANI
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Ben-zo(b)fluoranthene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	ANI
2022/23-2	Lab	LCS	1/4/2023	Organic	Ben-zo(b)fluoranthene	n/a	=	19	µg/L	EPA 625.1	0.46	1			ANI
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Ben-zo(b)fluoranthene	n/a	=	95	%	EPA 625.1	-88	-88	42	140	ANI
2022/23-2	Lab	method blank	1/4/2023	Organic	Ben-zo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-2	Lab	LCS	1/6/2023	Organic	Ben-zo(b)fluoranthene	n/a	=	13.5	µg/L	EPA 8270C	0.074	0.1			ANI
2022/23-2	Lab	LCS, rec	1/6/2023	Organic	Ben-zo(b)fluoranthene	n/a	=	67	%	EPA 8270C	-88	-88	19	129	ANI
2022/23-2	Lab	LCS dup	1/6/2023	Organic	Ben-zo(b)fluoranthene	n/a	=	14.8	µg/L	EPA 8270C	0.074	0.1			ANI
2022/23-2	Lab	LCS dup, rec	1/6/2023	Organic	Ben-zo(b)fluoranthene	n/a	=	74	%	EPA 8270C	-88	-88	19	129	ANI
2022/23-2	Lab	LCS, RPD	1/6/2023	Organic	Ben-zo(b)fluoranthene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	ANI
2022/23-2	Lab	method blank	1/6/2023	Organic	Ben-zo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Ben-zo(g,h,i)perylene	n/a	=	16	µg/L	EPA 625.1	0.42	2			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Ben-zo(g,h,i)perylene	n/a	=	80	%	EPA 625.1	-88	-88	0.1	195	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Ben-zo(g,h,i)perylene	n/a	=	16	%	EPA 625.1	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	LCS	1/4/2023	Organic	Benzo(g,h,i)perylene	n/a	=	18.7	µg/L	EPA 625.1	0.42	2			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Benzo(g,h,i)perylene	n/a	=	93	%	EPA 625.1	-88	-88	0.1	195	
2022/23-2	Lab	method blank	1/4/2023	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2022/23-2	Lab	LCS	1/6/2023	Organic	Benzo(g,h,i)perylene	n/a	=	14	µg/L	EPA 8270C	0.05	0.1			
2022/23-2	Lab	LCS, rec	1/6/2023	Organic	Benzo(g,h,i)perylene	n/a	=	70	%	EPA 8270C	-88	-88	14	139	
2022/23-2	Lab	LCS dup	1/6/2023	Organic	Benzo(g,h,i)perylene	n/a	=	15.1	µg/L	EPA 8270C	0.05	0.1			
2022/23-2	Lab	LCS dup, rec	1/6/2023	Organic	Benzo(g,h,i)perylene	n/a	=	76	%	EPA 8270C	-88	-88	14	139	
2022/23-2	Lab	LCS, RPD	1/6/2023	Organic	Benzo(g,h,i)perylene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	method blank	1/6/2023	Organic	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Benzo(k)fluoranthene	n/a	=	17.1	µg/L	EPA 625.1	0.22	1			ANI
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Benzo(k)fluoranthene	n/a	=	85	%	EPA 625.1	-88	-88	25	146	ANI
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Benzo(k)fluoranthene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	ANI
2022/23-2	Lab	LCS	1/4/2023	Organic	Benzo(k)fluoranthene	n/a	=	19.1	µg/L	EPA 625.1	0.22	1			ANI
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Benzo(k)fluoranthene	n/a	=	95	%	EPA 625.1	-88	-88	25	146	ANI
2022/23-2	Lab	method blank	1/4/2023	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-2	Lab	LCS	1/6/2023	Organic	Benzo(k)fluoranthene	n/a	=	16.1	µg/L	EPA 8270C	0.026	0.1			ANI
2022/23-2	Lab	LCS, rec	1/6/2023	Organic	Benzo(k)fluoranthene	n/a	=	80	%	EPA 8270C	-88	-88	22	127	ANI
2022/23-2	Lab	LCS dup	1/6/2023	Organic	Benzo(k)fluoranthene	n/a	=	17.7	µg/L	EPA 8270C	0.026	0.1			ANI
2022/23-2	Lab	LCS dup, rec	1/6/2023	Organic	Benzo(k)fluoranthene	n/a	=	89	%	EPA 8270C	-88	-88	22	127	ANI
2022/23-2	Lab	LCS, RPD	1/6/2023	Organic	Benzo(k)fluoranthene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	ANI
2022/23-2	Lab	method blank	1/6/2023	Organic	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	14.6	µg/L	EPA 625.1	0.25	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	73	%	EPA 625.1	-88	-88	49	165	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	20	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	17.8	µg/L	EPA 625.1	0.25	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	89	%	EPA 625.1	-88	-88	49	165	
2022/23-2	Lab	method blank	1/4/2023	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	13.1	µg/L	EPA 625.1	0.27	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	66	%	EPA 625.1	-88	-88	43	126	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	15.9	µg/L	EPA 625.1	0.27	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	80	%	EPA 625.1	-88	-88	43	126	
2022/23-2	Lab	method blank	1/4/2023	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	14.8	µg/L	EPA 625.1	0.38	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	74	%	EPA 625.1	-88	-88	63	139	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	22	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	18.5	µg/L	EPA 625.1	0.38	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	92	%	EPA 625.1	-88	-88	63	139	
2022/23-2	Lab	method blank	1/4/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-2	Lab	method blank	12/17/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5			
2022/23-2	Lab	LCS	12/17/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.39	µg/L	EPA 525.2	0.42	5			
2022/23-2	Lab	LCS, rec	12/17/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.24	µg/L	EPA 525.2	0.42	5			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5			
2022/23-2	Lab	LCS	12/17/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.51	µg/L	EPA 525.2	0.42	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	
2022/23-2	Lab	LCS, rec	12/17/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.79	µg/L	EPA 525.2	0.42	5			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2022/23-2	Lab	LCS	12/17/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.53	µg/L	EPA 525.2	0.41	3			
2022/23-2	Lab	LCS, rec	12/17/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.31	µg/L	EPA 525.2	0.41	3			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2022/23-2	Lab	LCS	12/17/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.49	µg/L	EPA 525.2	0.41	3			
2022/23-2	Lab	LCS, rec	12/17/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.89	µg/L	EPA 525.2	0.41	3			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	50.8	µg/L	EPA 625.1	2.3	5			IL
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	254	%	EPA 625.1	-88	-88	29	137	IL
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	38	%	EPA 625.1	-88	-88	0	30	IL
2022/23-2	Lab	LCS	1/4/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	34.5	µg/L	EPA 625.1	2.3	5			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	172	%	EPA 625.1	-88	-88	29	137	
2022/23-2	Lab	method blank	1/4/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Butyl benzyl phthalate	n/a	=	16.8	µg/L	EPA 625.1	0.49	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Butyl benzyl phthalate	n/a	=	84	%	EPA 625.1	-88	-88	0.1	140	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Butyl benzyl phthalate	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Butyl benzyl phthalate	n/a	=	19.4	µg/L	EPA 625.1	0.49	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Butyl benzyl phthalate	n/a	=	97	%	EPA 625.1	-88	-88	0.1	140	
2022/23-2	Lab	method blank	1/4/2023	Organic	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Chrysene	n/a	=	17.3	µg/L	EPA 625.1	0.19	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Chrysene	n/a	=	86	%	EPA 625.1	-88	-88	44	140	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Chrysene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Chrysene	n/a	=	19.7	µg/L	EPA 625.1	0.19	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Chrysene	n/a	=	98	%	EPA 625.1	-88	-88	44	140	
2022/23-2	Lab	method blank	1/4/2023	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-2	Lab	LCS	1/6/2023	Organic	Chrysene	n/a	=	15.3	µg/L	EPA 8270C	0.074	0.1			
2022/23-2	Lab	LCS, rec	1/6/2023	Organic	Chrysene	n/a	=	77	%	EPA 8270C	-88	-88	32	126	
2022/23-2	Lab	LCS dup	1/6/2023	Organic	Chrysene	n/a	=	16.9	µg/L	EPA 8270C	0.074	0.1			
2022/23-2	Lab	LCS dup, rec	1/6/2023	Organic	Chrysene	n/a	=	85	%	EPA 8270C	-88	-88	32	126	
2022/23-2	Lab	LCS, RPD	1/6/2023	Organic	Chrysene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	method blank	1/6/2023	Organic	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Dibenz(a,h)anthracene	n/a	=	17	µg/L	EPA 625.1	0.15	2			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Dibenz(a,h)anthracene	n/a	=	85	%	EPA 625.1	-88	-88	0.1	200	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Dibenz(a,h)anthracene	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Dibenz(a,h)anthracene	n/a	=	19.8	µg/L	EPA 625.1	0.15	2			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Dibenz(a,h)anthracene	n/a	=	99	%	EPA 625.1	-88	-88	0.1	200	
2022/23-2	Lab	method blank	1/4/2023	Organic	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2			
2022/23-2	Lab	LCS	1/6/2023	Organic	Dibenz(a,h)anthracene	n/a	=	14.4	µg/L	EPA 8270C	0.036	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	LCS, rec	1/6/2023	Organic	Dibenz(a,h)anthracene	n/a	=	72	%	EPA 8270C	-88	-88	9	147	
2022/23-2	Lab	LCS dup	1/6/2023	Organic	Dibenz(a,h)anthracene	n/a	=	15.6	µg/L	EPA 8270C	0.036	0.1			
2022/23-2	Lab	LCS dup, rec	1/6/2023	Organic	Dibenz(a,h)anthracene	n/a	=	78	%	EPA 8270C	-88	-88	9	147	
2022/23-2	Lab	LCS, RPD	1/6/2023	Organic	Dibenz(a,h)anthracene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	method blank	1/6/2023	Organic	Dibenz(a,h)anthracene	n/a	DNQ	0.0449	µg/L	EPA 8270C	0.036	0.1			IP
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Diethyl phthalate	n/a	=	15.4	µg/L	EPA 625.1	0.35	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Diethyl phthalate	n/a	=	77	%	EPA 625.1	-88	-88	0.1	120	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Diethyl phthalate	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Diethyl phthalate	n/a	=	17.9	µg/L	EPA 625.1	0.35	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Diethyl phthalate	n/a	=	90	%	EPA 625.1	-88	-88	0.1	120	
2022/23-2	Lab	method blank	1/4/2023	Organic	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Dimethyl phthalate	n/a	=	16.2	µg/L	EPA 625.1	0.18	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Dimethyl phthalate	n/a	=	81	%	EPA 625.1	-88	-88	0.1	120	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Dimethyl phthalate	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Dimethyl phthalate	n/a	=	18.9	µg/L	EPA 625.1	0.18	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Dimethyl phthalate	n/a	=	94	%	EPA 625.1	-88	-88	0.1	120	
2022/23-2	Lab	method blank	1/4/2023	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Di-n-butylphthalate	n/a	=	15.8	µg/L	EPA 625.1	0.34	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Di-n-butylphthalate	n/a	=	79	%	EPA 625.1	-88	-88	8	120	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Di-n-butylphthalate	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Di-n-butylphthalate	n/a	=	18.1	µg/L	EPA 625.1	0.34	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Di-n-butylphthalate	n/a	=	91	%	EPA 625.1	-88	-88	8	120	
2022/23-2	Lab	method blank	1/4/2023	Organic	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Di-n-octylphthalate	n/a	=	22.8	µg/L	EPA 625.1	0.46	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Di-n-octylphthalate	n/a	=	114	%	EPA 625.1	-88	-88	19	132	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Di-n-octylphthalate	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Di-n-octylphthalate	n/a	=	25.4	µg/L	EPA 625.1	0.46	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Di-n-octylphthalate	n/a	=	127	%	EPA 625.1	-88	-88	19	132	
2022/23-2	Lab	method blank	1/4/2023	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Fluoranthene	n/a	=	16.6	µg/L	EPA 625.1	0.35	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Fluoranthene	n/a	=	83	%	EPA 625.1	-88	-88	43	121	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Fluoranthene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Fluoranthene	n/a	=	18.8	µg/L	EPA 625.1	0.35	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Fluoranthene	n/a	=	94	%	EPA 625.1	-88	-88	43	121	
2022/23-2	Lab	method blank	1/4/2023	Organic	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-2	Lab	LCS	1/6/2023	Organic	Fluoranthene	n/a	=	14.7	µg/L	EPA 8270C	0.039	0.1			
2022/23-2	Lab	LCS, rec	1/6/2023	Organic	Fluoranthene	n/a	=	74	%	EPA 8270C	-88	-88	22	131	
2022/23-2	Lab	LCS dup	1/6/2023	Organic	Fluoranthene	n/a	=	15.5	µg/L	EPA 8270C	0.039	0.1			
2022/23-2	Lab	LCS dup, rec	1/6/2023	Organic	Fluoranthene	n/a	=	77	%	EPA 8270C	-88	-88	22	131	
2022/23-2	Lab	LCS, RPD	1/6/2023	Organic	Fluoranthene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	method blank	1/6/2023	Organic	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Fluorene	n/a	=	15.9	µg/L	EPA 625.1	0.35	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Fluorene	n/a	=	80	%	EPA 625.1	-88	-88	70	120	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Fluorene	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Fluorene	n/a	=	18.7	µg/L	EPA 625.1	0.35	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Fluorene	n/a	=	93	%	EPA 625.1	-88	-88	70	120	
2022/23-2	Lab	method blank	1/4/2023	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	LCS	1/6/2023	Organic	Fluorene	n/a	=	14.1	µg/L	EPA 8270C	0.029	0.1			
2022/23-2	Lab	LCS, rec	1/6/2023	Organic	Fluorene	n/a	=	71	%	EPA 8270C	-88	-88	19	122	
2022/23-2	Lab	LCS dup	1/6/2023	Organic	Fluorene	n/a	=	15.6	µg/L	EPA 8270C	0.029	0.1			
2022/23-2	Lab	LCS dup, rec	1/6/2023	Organic	Fluorene	n/a	=	78	%	EPA 8270C	-88	-88	19	122	
2022/23-2	Lab	LCS, RPD	1/6/2023	Organic	Fluorene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	method blank	1/6/2023	Organic	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Hexachlorobenzene	n/a	=	15.8	µg/L	EPA 625.1	0.49	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Hexachlorobenzene	n/a	=	79	%	EPA 625.1	-88	-88	8	142	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Hexachlorobenzene	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Hexachlorobenzene	n/a	=	18.5	µg/L	EPA 625.1	0.49	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Hexachlorobenzene	n/a	=	92	%	EPA 625.1	-88	-88	8	142	
2022/23-2	Lab	method blank	1/4/2023	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Hexachlorobutadiene	n/a	=	14.1	µg/L	EPA 625.1	0.47	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Hexachlorobutadiene	n/a	=	71	%	EPA 625.1	-88	-88	38	120	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Hexachlorobutadiene	n/a	=	20	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Hexachlorobutadiene	n/a	=	17.2	µg/L	EPA 625.1	0.47	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Hexachlorobutadiene	n/a	=	86	%	EPA 625.1	-88	-88	38	120	
2022/23-2	Lab	method blank	1/4/2023	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2022/23-2	Lab	method blank	12/17/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2022/23-2	Lab	LCS	12/17/2022	Organic	Hexachlorocyclopentadiene	n/a	=	1.95	µg/L	EPA 525.2	0.092	1			
2022/23-2	Lab	LCS, rec	12/17/2022	Organic	Hexachlorocyclopentadiene	n/a	=	78	%	EPA 525.2	-88	-88	33	106	
2022/23-2	Lab	LCS dup	12/17/2022	Organic	Hexachlorocyclopentadiene	n/a	=	1.91	µg/L	EPA 525.2	0.092	1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Organic	Hexachlorocyclopentadiene	n/a	=	76	%	EPA 525.2	-88	-88	33	106	
2022/23-2	Lab	LCS, RPD	12/17/2022	Organic	Hexachlorocyclopentadiene	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2022/23-2	Lab	LCS	12/17/2022	Organic	Hexachlorocyclopentadiene	n/a	=	1.54	µg/L	EPA 525.2	0.092	1			
2022/23-2	Lab	LCS, rec	12/17/2022	Organic	Hexachlorocyclopentadiene	n/a	=	62	%	EPA 525.2	-88	-88	33	106	
2022/23-2	Lab	LCS dup	12/17/2022	Organic	Hexachlorocyclopentadiene	n/a	=	1.63	µg/L	EPA 525.2	0.092	1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Organic	Hexachlorocyclopentadiene	n/a	=	65	%	EPA 525.2	-88	-88	33	106	
2022/23-2	Lab	LCS, RPD	12/17/2022	Organic	Hexachlorocyclopentadiene	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Hexachlorocyclopentadiene	n/a	=	8.98	µg/L	EPA 625.1	0.31	5			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Hexachlorocyclopentadiene	n/a	=	45	%	EPA 625.1	-88	-88	10	120	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Hexachlorocyclopentadiene	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Hexachlorocyclopentadiene	n/a	=	10.7	µg/L	EPA 625.1	0.31	5			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Hexachlorocyclopentadiene	n/a	=	54	%	EPA 625.1	-88	-88	10	120	
2022/23-2	Lab	method blank	1/4/2023	Organic	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Hexachloroethane	n/a	=	12.3	µg/L	EPA 625.1	0.5	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Hexachloroethane	n/a	=	61	%	EPA 625.1	-88	-88	55	120	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Hexachloroethane	n/a	=	20	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Hexachloroethane	n/a	=	14.9	µg/L	EPA 625.1	0.5	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Hexachloroethane	n/a	=	75	%	EPA 625.1	-88	-88	55	120	
2022/23-2	Lab	method blank	1/4/2023	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	17.1	µg/L	EPA 625.1	0.25	2			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	86	%	EPA 625.1	-88	-88	0.1	151	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	19.9	µg/L	EPA 625.1	0.25	2			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	99	%	EPA 625.1	-88	-88	0.1	151	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	method blank	1/4/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2			
2022/23-2	Lab	LCS	1/6/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	14	µg/L	EPA 8270C	0.065	0.1			
2022/23-2	Lab	LCS, rec	1/6/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	70	%	EPA 8270C	-88	-88	12	136	
2022/23-2	Lab	LCS dup	1/6/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	15	µg/L	EPA 8270C	0.065	0.1			
2022/23-2	Lab	LCS dup, rec	1/6/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	75	%	EPA 8270C	-88	-88	12	136	
2022/23-2	Lab	LCS, RPD	1/6/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	method blank	1/6/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Isophorone	n/a	=	11.7	µg/L	EPA 625.1	0.21	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Isophorone	n/a	=	59	%	EPA 625.1	-88	-88	47	180	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Isophorone	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Isophorone	n/a	=	14.2	µg/L	EPA 625.1	0.21	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Isophorone	n/a	=	71	%	EPA 625.1	-88	-88	47	180	
2022/23-2	Lab	method blank	1/4/2023	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Naphthalene	n/a	=	14.2	µg/L	EPA 625.1	0.49	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Naphthalene	n/a	=	71	%	EPA 625.1	-88	-88	36	120	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Naphthalene	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Naphthalene	n/a	=	17.2	µg/L	EPA 625.1	0.49	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Naphthalene	n/a	=	86	%	EPA 625.1	-88	-88	36	120	
2022/23-2	Lab	method blank	1/4/2023	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-2	Lab	LCS	1/6/2023	Organic	Naphthalene	n/a	=	12.8	µg/L	EPA 8270C	0.026	0.1			
2022/23-2	Lab	LCS, rec	1/6/2023	Organic	Naphthalene	n/a	=	64	%	EPA 8270C	-88	-88	12	136	
2022/23-2	Lab	LCS dup	1/6/2023	Organic	Naphthalene	n/a	=	14.5	µg/L	EPA 8270C	0.026	0.1			
2022/23-2	Lab	LCS dup, rec	1/6/2023	Organic	Naphthalene	n/a	=	73	%	EPA 8270C	-88	-88	12	136	
2022/23-2	Lab	LCS, RPD	1/6/2023	Organic	Naphthalene	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	method blank	1/6/2023	Organic	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Nitrobenzene	n/a	=	14.1	µg/L	EPA 625.1	0.36	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Nitrobenzene	n/a	=	71	%	EPA 625.1	-88	-88	54	158	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Nitrobenzene	n/a	=	20	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Nitrobenzene	n/a	=	17.3	µg/L	EPA 625.1	0.36	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Nitrobenzene	n/a	=	86	%	EPA 625.1	-88	-88	54	158	
2022/23-2	Lab	method blank	1/4/2023	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-2	Lab	srgt LCS dup	1/4/2023	Organic	Nitrobenzene-d5	n/a	=	15.3	µg/L	EPA 625.1	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	1/4/2023	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625.1	-88	-88	47	120	
2022/23-2	Lab	srgt LCS	1/4/2023	Organic	Nitrobenzene-d5	n/a	=	18.3	µg/L	EPA 625.1	-88	-88			
2022/23-2	Lab	srgt LCS, rec	1/4/2023	Organic	Nitrobenzene-d5	n/a	=	92	%	EPA 625.1	-88	-88	47	120	
2022/23-2	Lab	srgt method blank	1/4/2023	Organic	Nitrobenzene-d5	n/a	=	16.4	µg/L	EPA 625.1	-88	-88			
2022/23-2	Lab	srgt method blank, rec	1/4/2023	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 625.1	-88	-88	47	120	
2022/23-2	Lab	srgt LCS	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	15.4	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt LCS, rec	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 8270C	-88	-88	51	143	
2022/23-2	Lab	srgt LCS dup	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	18	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	90	%	EPA 8270C	-88	-88	51	143	
2022/23-2	Lab	srgt method blank	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	15.4	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt method blank, rec	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 8270C	-88	-88	51	143	
2022/23-2	ME-CC	srgt environ	1/4/2023	Organic	Nitrobenzene-d5	n/a	=	16.1	µg/L	EPA 625.1	-88	-88			
2022/23-2	ME-CC	srgt environ, rec	1/4/2023	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 625.1	-88	-88	47	120	
2022/23-2	ME-CC	srgt environ	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	15.2	µg/L	EPA 8270C	-88	-88			
2022/23-2	ME-CC	srgt environ, rec	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 8270C	-88	-88	51	143	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	ME-VR2	srgt environ	1/4/2023	Organic	Nitrobenzene-d5	n/a	=	15.6	µg/L	EPA 625.1	-88	-88			
2022/23-2	ME-VR2	srgt environ, rec	1/4/2023	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625.1	-88	-88	47	120	
2022/23-2	ME-VR2	srgt environ	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	14.9	µg/L	EPA 8270C	-88	-88			
2022/23-2	ME-VR2	srgt environ, rec	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 8270C	-88	-88	51	143	
2022/23-2	MO-CAM	srgt environ	1/4/2023	Organic	Nitrobenzene-d5	n/a	=	17	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-CAM	srgt environ, rec	1/4/2023	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 625.1	-88	-88	47	120	
2022/23-2	MO-CAM	srgt environ	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	17	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-CAM	srgt environ, rec	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 8270C	-88	-88	51	143	
2022/23-2	MO-FIL	srgt environ	1/5/2023	Organic	Nitrobenzene-d5	n/a	=	15.1	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-FIL	srgt environ, rec	1/5/2023	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625.1	-88	-88	47	120	
2022/23-2	MO-FIL	srgt environ	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	14.3	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-FIL	srgt environ, rec	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 8270C	-88	-88	51	143	
2022/23-2	MO-HUE	srgt environ	1/5/2023	Organic	Nitrobenzene-d5	n/a	=	16.4	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-HUE	srgt environ, rec	1/5/2023	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 625.1	-88	-88	47	120	
2022/23-2	MO-HUE	srgt environ	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	15.2	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-HUE	srgt environ, rec	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 8270C	-88	-88	51	143	
2022/23-2	MO-MEI	srgt environ	1/4/2023	Organic	Nitrobenzene-d5	n/a	=	17.1	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-MEI	srgt environ, rec	1/4/2023	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 625.1	-88	-88	47	120	
2022/23-2	MO-MEI	srgt environ	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	16.5	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-MEI	srgt environ, rec	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 8270C	-88	-88	51	143	
2022/23-2	MO-MPK	srgt environ	1/5/2023	Organic	Nitrobenzene-d5	n/a	=	17.5	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-MPK	srgt environ, rec	1/5/2023	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 625.1	-88	-88	47	120	
2022/23-2	MO-MPK	srgt environ	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	15.6	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-MPK	srgt environ, rec	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 8270C	-88	-88	51	143	
2022/23-2	MO-OJA	srgt environ	1/4/2023	Organic	Nitrobenzene-d5	n/a	=	16.8	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-OJA	srgt environ, rec	1/4/2023	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 625.1	-88	-88	47	120	
2022/23-2	MO-OJA	srgt environ	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	16.6	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-OJA	srgt environ, rec	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 8270C	-88	-88	51	143	
2022/23-2	MO-OXN	srgt environ	1/5/2023	Organic	Nitrobenzene-d5	n/a	=	16.3	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-OXN	srgt environ, rec	1/5/2023	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625.1	-88	-88	47	120	
2022/23-2	MO-OXN	srgt environ	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	15.1	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-OXN	srgt environ, rec	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 8270C	-88	-88	51	143	
2022/23-2	MO-SIM	srgt environ	1/5/2023	Organic	Nitrobenzene-d5	n/a	=	16.2	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-SIM	srgt environ, rec	1/5/2023	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625.1	-88	-88	47	120	
2022/23-2	MO-SIM	srgt environ	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	15.1	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-SIM	srgt environ, rec	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 8270C	-88	-88	51	143	
2022/23-2	MO-SPA	srgt environ	1/4/2023	Organic	Nitrobenzene-d5	n/a	=	32.2	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-SPA	srgt environ, rec	1/4/2023	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625.1	-88	-88	47	120	
2022/23-2	MO-SPA	srgt environ	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	29.5	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-SPA	srgt environ, rec	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 8270C	-88	-88	51	143	
2022/23-2	MO-THO	srgt environ	1/5/2023	Organic	Nitrobenzene-d5	n/a	=	17.7	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-THO	srgt environ, rec	1/5/2023	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 625.1	-88	-88	47	120	
2022/23-2	MO-THO	srgt environ	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	16.2	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-THO	srgt environ, rec	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 8270C	-88	-88	51	143	
2022/23-2	MO-VEN	srgt environ	1/4/2023	Organic	Nitrobenzene-d5	n/a	=	15.1	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-VEN	srgt environ, rec	1/4/2023	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 625.1	-88	-88	47	120	
2022/23-2	MO-VEN	srgt environ	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	14.7	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	MO-VEN	srgt environ, rec	1/6/2023	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270C	-88	-88	51	143	
2022/23-2	Lab	LCS dup	1/4/2023	Organic	N-Nitrosodimethylamine	n/a	=	10.1	µg/L	EPA 625.1	0.5	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	N-Nitrosodimethylamine	n/a	=	50	%	EPA 625.1	-88	-88	22	120	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	N-Nitrosodimethylamine	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	N-Nitrosodimethylamine	n/a	=	11.6	µg/L	EPA 625.1	0.5	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	N-Nitrosodimethylamine	n/a	=	58	%	EPA 625.1	-88	-88	22	120	
2022/23-2	Lab	method blank	1/4/2023	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	14.9	µg/L	EPA 625.1	0.26	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	75	%	EPA 625.1	-88	-88	14	198	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	21	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	18.4	µg/L	EPA 625.1	0.26	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	92	%	EPA 625.1	-88	-88	14	198	
2022/23-2	Lab	method blank	1/4/2023	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	N-Nitrosodiphenylamine	n/a	=	13.1	µg/L	EPA 625.1	0.19	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	N-Nitrosodiphenylamine	n/a	=	66	%	EPA 625.1	-88	-88	47	120	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	N-Nitrosodiphenylamine	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	N-Nitrosodiphenylamine	n/a	=	15.4	µg/L	EPA 625.1	0.19	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	N-Nitrosodiphenylamine	n/a	=	77	%	EPA 625.1	-88	-88	47	120	
2022/23-2	Lab	method blank	1/4/2023	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-2	Lab	srgt method blank	12/17/2022	Organic	Perylene-d12	n/a	=	4.11	µg/L	EPA 525.2	-88	-88			
2022/23-2	Lab	srgt method blank, rec	12/17/2022	Organic	Perylene-d12	n/a	=	82	%	EPA 525.2	-88	-88	50	120	
2022/23-2	Lab	srgt LCS	12/17/2022	Organic	Perylene-d12	n/a	=	4.33	µg/L	EPA 525.2	-88	-88			
2022/23-2	Lab	srgt LCS, rec	12/17/2022	Organic	Perylene-d12	n/a	=	87	%	EPA 525.2	-88	-88	50	120	
2022/23-2	Lab	srgt LCS dup	12/17/2022	Organic	Perylene-d12	n/a	=	4.31	µg/L	EPA 525.2	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	12/17/2022	Organic	Perylene-d12	n/a	=	86	%	EPA 525.2	-88	-88	50	120	
2022/23-2	Lab	srgt method blank	12/17/2022	Organic	Perylene-d12	n/a	=	3.68	µg/L	EPA 525.2	-88	-88			
2022/23-2	Lab	srgt method blank, rec	12/17/2022	Organic	Perylene-d12	n/a	=	74	%	EPA 525.2	-88	-88	50	120	
2022/23-2	Lab	srgt LCS	12/17/2022	Organic	Perylene-d12	n/a	=	4.07	µg/L	EPA 525.2	-88	-88			
2022/23-2	Lab	srgt LCS, rec	12/17/2022	Organic	Perylene-d12	n/a	=	81	%	EPA 525.2	-88	-88	50	120	
2022/23-2	Lab	srgt LCS dup	12/17/2022	Organic	Perylene-d12	n/a	=	4.18	µg/L	EPA 525.2	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	12/17/2022	Organic	Perylene-d12	n/a	=	84	%	EPA 525.2	-88	-88	50	120	
2022/23-2	ME-CC	srgt environ	12/17/2022	Organic	Perylene-d12	n/a	=	4.78	µg/L	EPA 525.2	-88	-88			
2022/23-2	ME-CC	srgt environ, rec	12/17/2022	Organic	Perylene-d12	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2022/23-2	ME-VR2	srgt environ	12/17/2022	Organic	Perylene-d12	n/a	=	4.89	µg/L	EPA 525.2	-88	-88			
2022/23-2	ME-VR2	srgt environ, rec	12/17/2022	Organic	Perylene-d12	n/a	=	97	%	EPA 525.2	-88	-88	50	120	
2022/23-2	MO-CAM	srgt environ	12/17/2022	Organic	Perylene-d12	n/a	=	4.65	µg/L	EPA 525.2	-88	-88			
2022/23-2	MO-CAM	srgt environ, rec	12/17/2022	Organic	Perylene-d12	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2022/23-2	MO-FIL	srgt environ	12/17/2022	Organic	Perylene-d12	n/a	=	5.74	µg/L	EPA 525.2	-88	-88			
2022/23-2	MO-FIL	srgt environ, rec	12/17/2022	Organic	Perylene-d12	n/a	=	113	%	EPA 525.2	-88	-88	50	120	
2022/23-2	MO-HUE	srgt environ	12/17/2022	Organic	Perylene-d12	n/a	=	5.93	µg/L	EPA 525.2	-88	-88			
2022/23-2	MO-HUE	srgt environ, rec	12/17/2022	Organic	Perylene-d12	n/a	=	113	%	EPA 525.2	-88	-88	50	120	
2022/23-2	MO-MEI	srgt environ	12/17/2022	Organic	Perylene-d12	n/a	=	5.06	µg/L	EPA 525.2	-88	-88			
2022/23-2	MO-MEI	srgt environ, rec	12/17/2022	Organic	Perylene-d12	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2022/23-2	MO-MPK	srgt environ	12/17/2022	Organic	Perylene-d12	n/a	=	5.18	µg/L	EPA 525.2	-88	-88			
2022/23-2	MO-MPK	srgt environ, rec	12/17/2022	Organic	Perylene-d12	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2022/23-2	MO-OJA	srgt environ	12/17/2022	Organic	Perylene-d12	n/a	=	5.34	µg/L	EPA 525.2	-88	-88			
2022/23-2	MO-OJA	srgt environ, rec	12/17/2022	Organic	Perylene-d12	n/a	=	101	%	EPA 525.2	-88	-88	50	120	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	MO-OXN	srgt environ	12/17/2022	Organic	Perylene-d12	n/a	=	4.82	µg/L	EPA 525.2	-88	-88			
2022/23-2	MO-OXN	srgt environ, rec	12/17/2022	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2022/23-2	MO-SIM	srgt environ	12/17/2022	Organic	Perylene-d12	n/a	=	4.8	µg/L	EPA 525.2	-88	-88			
2022/23-2	MO-SIM	srgt environ, rec	12/17/2022	Organic	Perylene-d12	n/a	=	96	%	EPA 525.2	-88	-88	50	120	
2022/23-2	MO-SPA	srgt environ	12/17/2022	Organic	Perylene-d12	n/a	=	5.08	µg/L	EPA 525.2	-88	-88			
2022/23-2	MO-SPA	srgt environ, rec	12/17/2022	Organic	Perylene-d12	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2022/23-2	MO-THO	srgt environ	12/17/2022	Organic	Perylene-d12	n/a	=	5.34	µg/L	EPA 525.2	-88	-88			
2022/23-2	MO-THO	srgt environ, rec	12/17/2022	Organic	Perylene-d12	n/a	=	106	%	EPA 525.2	-88	-88	50	120	
2022/23-2	MO-VEN	srgt environ	12/17/2022	Organic	Perylene-d12	n/a	=	4.85	µg/L	EPA 525.2	-88	-88			
2022/23-2	MO-VEN	srgt environ, rec	12/17/2022	Organic	Perylene-d12	n/a	=	96	%	EPA 525.2	-88	-88	50	120	
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Phenanthrene	n/a	=	15.3	µg/L	EPA 625.1	0.32	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Phenanthrene	n/a	=	76	%	EPA 625.1	-88	-88	65	120	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Phenanthrene	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Phenanthrene	n/a	=	18.5	µg/L	EPA 625.1	0.32	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Phenanthrene	n/a	=	92	%	EPA 625.1	-88	-88	65	120	
2022/23-2	Lab	method blank	1/4/2023	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2022/23-2	Lab	LCS	1/6/2023	Organic	Phenanthrene	n/a	=	12.4	µg/L	EPA 8270C	0.029	0.1			
2022/23-2	Lab	LCS, rec	1/6/2023	Organic	Phenanthrene	n/a	=	62	%	EPA 8270C	-88	-88	21	131	
2022/23-2	Lab	LCS dup	1/6/2023	Organic	Phenanthrene	n/a	=	13.1	µg/L	EPA 8270C	0.029	0.1			
2022/23-2	Lab	LCS dup, rec	1/6/2023	Organic	Phenanthrene	n/a	=	66	%	EPA 8270C	-88	-88	21	131	
2022/23-2	Lab	LCS, RPD	1/6/2023	Organic	Phenanthrene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	method blank	1/6/2023	Organic	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Phenol	n/a	=	5.74	µg/L	EPA 625.1	0.81	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Phenol	n/a	=	29	%	EPA 625.1	-88	-88	17	120	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Phenol	n/a	=	23	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Phenol	n/a	=	7.22	µg/L	EPA 625.1	0.81	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Phenol	n/a	=	36	%	EPA 625.1	-88	-88	17	120	
2022/23-2	Lab	method blank	1/4/2023	Organic	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1			
2022/23-2	Lab	method blank	1/7/2023	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2022/23-2	Lab	LCS dup	1/7/2023	Organic	Phenol	n/a	=	5.88	µg/L	EPA 8270C	0.35	1			
2022/23-2	Lab	LCS dup, rec	1/7/2023	Organic	Phenol	n/a	=	29	%	EPA 8270C	-88	-88	6	43	
2022/23-2	Lab	LCS, RPD	1/7/2023	Organic	Phenol	n/a	=	22	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	LCS	1/7/2023	Organic	Phenol	n/a	=	7.32	µg/L	EPA 8270C	0.35	1			
2022/23-2	Lab	LCS, rec	1/7/2023	Organic	Phenol	n/a	=	37	%	EPA 8270C	-88	-88	6	43	
2022/23-2	Lab	method blank	1/9/2023	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2022/23-2	Lab	LCS dup	1/9/2023	Organic	Phenol	n/a	=	5.77	µg/L	EPA 8270C	0.35	1			
2022/23-2	Lab	LCS dup, rec	1/9/2023	Organic	Phenol	n/a	=	29	%	EPA 8270C	-88	-88	6	43	
2022/23-2	Lab	LCS, RPD	1/9/2023	Organic	Phenol	n/a	=	21	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	LCS	1/9/2023	Organic	Phenol	n/a	=	7.14	µg/L	EPA 8270C	0.35	1			
2022/23-2	Lab	LCS, rec	1/9/2023	Organic	Phenol	n/a	=	36	%	EPA 8270C	-88	-88	6	43	
2022/23-2	Lab	srgt LCS dup	1/4/2023	Organic	Phenol-d5	n/a	=	10.9	µg/L	EPA 625.1	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	1/4/2023	Organic	Phenol-d5	n/a	=	27	%	EPA 625.1	-88	-88	12	120	
2022/23-2	Lab	srgt LCS	1/4/2023	Organic	Phenol-d5	n/a	=	13.7	µg/L	EPA 625.1	-88	-88			
2022/23-2	Lab	srgt LCS, rec	1/4/2023	Organic	Phenol-d5	n/a	=	34	%	EPA 625.1	-88	-88	12	120	
2022/23-2	Lab	srgt method blank	1/4/2023	Organic	Phenol-d5	n/a	=	11.4	µg/L	EPA 625.1	-88	-88			
2022/23-2	Lab	srgt method blank, rec	1/4/2023	Organic	Phenol-d5	n/a	=	29	%	EPA 625.1	-88	-88	12	120	
2022/23-2	Lab	srgt method blank	1/7/2023	Organic	Phenol-d5	n/a	=	11.1	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	srgt method blank, rec	1/7/2023	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2022/23-2	Lab	srgt LCS dup	1/7/2023	Organic	Phenol-d5	n/a	=	11.6	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	1/7/2023	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2022/23-2	Lab	srgt LCS	1/7/2023	Organic	Phenol-d5	n/a	=	14.3	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt LCS, rec	1/7/2023	Organic	Phenol-d5	n/a	=	36	%	EPA 8270C	-88	-88	5	46	
2022/23-2	Lab	srgt method blank	1/9/2023	Organic	Phenol-d5	n/a	=	10.4	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt method blank, rec	1/9/2023	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	
2022/23-2	Lab	srgt LCS dup	1/9/2023	Organic	Phenol-d5	n/a	=	11.5	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	1/9/2023	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2022/23-2	Lab	srgt LCS	1/9/2023	Organic	Phenol-d5	n/a	=	14.2	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt LCS, rec	1/9/2023	Organic	Phenol-d5	n/a	=	35	%	EPA 8270C	-88	-88	5	46	
2022/23-2	ME-CC	srgt environ	1/4/2023	Organic	Phenol-d5	n/a	=	11.2	µg/L	EPA 625.1	-88	-88			
2022/23-2	ME-CC	srgt environ, rec	1/4/2023	Organic	Phenol-d5	n/a	=	28	%	EPA 625.1	-88	-88	12	120	
2022/23-2	ME-CC	srgt environ	1/7/2023	Organic	Phenol-d5	n/a	=	11.8	µg/L	EPA 8270C	-88	-88			
2022/23-2	ME-CC	srgt environ, rec	1/7/2023	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2022/23-2	ME-VR2	srgt environ	1/4/2023	Organic	Phenol-d5	n/a	=	8.8	µg/L	EPA 625.1	-88	-88			
2022/23-2	ME-VR2	srgt environ, rec	1/4/2023	Organic	Phenol-d5	n/a	=	22	%	EPA 625.1	-88	-88	12	120	
2022/23-2	ME-VR2	srgt environ	1/7/2023	Organic	Phenol-d5	n/a	=	9.18	µg/L	EPA 8270C	-88	-88			
2022/23-2	ME-VR2	srgt environ, rec	1/7/2023	Organic	Phenol-d5	n/a	=	23	%	EPA 8270C	-88	-88	5	46	
2022/23-2	MO-CAM	srgt environ	1/4/2023	Organic	Phenol-d5	n/a	=	12.8	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-CAM	srgt environ, rec	1/4/2023	Organic	Phenol-d5	n/a	=	32	%	EPA 625.1	-88	-88	12	120	
2022/23-2	MO-CAM	srgt environ	1/7/2023	Organic	Phenol-d5	n/a	=	12.5	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-CAM	srgt environ, rec	1/7/2023	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2022/23-2	MO-FIL	srgt environ	1/5/2023	Organic	Phenol-d5	n/a	=	11.4	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-FIL	srgt environ, rec	1/5/2023	Organic	Phenol-d5	n/a	=	28	%	EPA 625.1	-88	-88	12	120	
2022/23-2	MO-FIL	srgt environ	1/9/2023	Organic	Phenol-d5	n/a	=	11.4	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-FIL	srgt environ, rec	1/9/2023	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2022/23-2	MO-HUE	srgt environ	1/5/2023	Organic	Phenol-d5	n/a	=	13.4	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-HUE	srgt environ, rec	1/5/2023	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2022/23-2	MO-HUE	srgt environ	1/9/2023	Organic	Phenol-d5	n/a	=	13.5	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-HUE	srgt environ, rec	1/9/2023	Organic	Phenol-d5	n/a	=	34	%	EPA 8270C	-88	-88	5	46	
2022/23-2	MO-MEI	srgt environ	1/4/2023	Organic	Phenol-d5	n/a	=	12	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-MEI	srgt environ, rec	1/4/2023	Organic	Phenol-d5	n/a	=	29	%	EPA 625.1	-88	-88	12	120	
2022/23-2	MO-MEI	srgt environ	1/7/2023	Organic	Phenol-d5	n/a	=	12.8	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-MEI	srgt environ, rec	1/7/2023	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2022/23-2	MO-MPK	srgt environ	1/5/2023	Organic	Phenol-d5	n/a	=	14.2	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-MPK	srgt environ, rec	1/5/2023	Organic	Phenol-d5	n/a	=	34	%	EPA 625.1	-88	-88	12	120	
2022/23-2	MO-MPK	srgt environ	1/9/2023	Organic	Phenol-d5	n/a	=	14.1	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-MPK	srgt environ, rec	1/9/2023	Organic	Phenol-d5	n/a	=	34	%	EPA 8270C	-88	-88	5	46	
2022/23-2	MO-OJA	srgt environ	1/4/2023	Organic	Phenol-d5	n/a	=	10.7	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-OJA	srgt environ, rec	1/4/2023	Organic	Phenol-d5	n/a	=	26	%	EPA 625.1	-88	-88	12	120	
2022/23-2	MO-OJA	srgt environ	1/7/2023	Organic	Phenol-d5	n/a	=	11.4	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-OJA	srgt environ, rec	1/7/2023	Organic	Phenol-d5	n/a	=	27	%	EPA 8270C	-88	-88	5	46	
2022/23-2	MO-oxn	srgt environ	1/5/2023	Organic	Phenol-d5	n/a	=	13.3	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-oxn	srgt environ, rec	1/5/2023	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2022/23-2	MO-oxn	srgt environ	1/9/2023	Organic	Phenol-d5	n/a	=	14.1	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-oxn	srgt environ, rec	1/9/2023	Organic	Phenol-d5	n/a	=	35	%	EPA 8270C	-88	-88	5	46	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	MO-SIM	srgt environ	1/5/2023	Organic	Phenol-d5	n/a	=	13	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-SIM	srgt environ, rec	1/5/2023	Organic	Phenol-d5	n/a	=	32	%	EPA 625.1	-88	-88	12	120	
2022/23-2	MO-SIM	srgt environ	1/9/2023	Organic	Phenol-d5	n/a	=	13.2	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-SIM	srgt environ, rec	1/9/2023	Organic	Phenol-d5	n/a	=	33	%	EPA 8270C	-88	-88	5	46	
2022/23-2	MO-SPA	srgt environ	1/4/2023	Organic	Phenol-d5	n/a	=	24.1	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-SPA	srgt environ, rec	1/4/2023	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2022/23-2	MO-SPA	srgt environ	1/9/2023	Organic	Phenol-d5	n/a	=	24	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-SPA	srgt environ, rec	1/9/2023	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2022/23-2	MO-THO	srgt environ	1/5/2023	Organic	Phenol-d5	n/a	=	12.1	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-THO	srgt environ, rec	1/5/2023	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2022/23-2	MO-THO	srgt environ	1/9/2023	Organic	Phenol-d5	n/a	=	11.7	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-THO	srgt environ, rec	1/9/2023	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2022/23-2	MO-VEN	srgt environ	1/4/2023	Organic	Phenol-d5	n/a	=	12.6	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-VEN	srgt environ, rec	1/4/2023	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2022/23-2	MO-VEN	srgt environ	1/7/2023	Organic	Phenol-d5	n/a	=	12	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-VEN	srgt environ, rec	1/7/2023	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2022/23-2	Lab	srgt LCS dup	1/4/2023	Organic	p-Terphenyl-d14	n/a	=	16.6	µg/L	EPA 625.1	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	1/4/2023	Organic	p-Terphenyl-d14	n/a	=	83	%	EPA 625.1	-88	-88	44	129	
2022/23-2	Lab	srgt LCS	1/4/2023	Organic	p-Terphenyl-d14	n/a	=	18.5	µg/L	EPA 625.1	-88	-88			
2022/23-2	Lab	srgt LCS, rec	1/4/2023	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 625.1	-88	-88	44	129	
2022/23-2	Lab	srgt method blank	1/4/2023	Organic	p-Terphenyl-d14	n/a	=	16.2	µg/L	EPA 625.1	-88	-88			
2022/23-2	Lab	srgt method blank, rec	1/4/2023	Organic	p-Terphenyl-d14	n/a	=	81	%	EPA 625.1	-88	-88	44	129	
2022/23-2	Lab	srgt LCS	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	17	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt LCS, rec	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 8270C	-88	-88	19	134	
2022/23-2	Lab	srgt LCS dup	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	17.7	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 8270C	-88	-88	19	134	
2022/23-2	Lab	srgt method blank	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	17.9	µg/L	EPA 8270C	-88	-88			
2022/23-2	Lab	srgt method blank, rec	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 8270C	-88	-88	19	134	
2022/23-2	ME-CC	srgt environ	1/4/2023	Organic	p-Terphenyl-d14	n/a	=	15.4	µg/L	EPA 625.1	-88	-88			
2022/23-2	ME-CC	srgt environ, rec	1/4/2023	Organic	p-Terphenyl-d14	n/a	=	76	%	EPA 625.1	-88	-88	44	129	
2022/23-2	ME-CC	srgt environ	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	17.5	µg/L	EPA 8270C	-88	-88			
2022/23-2	ME-CC	srgt environ, rec	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 8270C	-88	-88	19	134	
2022/23-2	ME-VR2	srgt environ	1/4/2023	Organic	p-Terphenyl-d14	n/a	=	12.5	µg/L	EPA 625.1	-88	-88			
2022/23-2	ME-VR2	srgt environ, rec	1/4/2023	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 625.1	-88	-88	44	129	
2022/23-2	ME-VR2	srgt environ	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	15	µg/L	EPA 8270C	-88	-88			
2022/23-2	ME-VR2	srgt environ, rec	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	74	%	EPA 8270C	-88	-88	19	134	
2022/23-2	MO-CAM	srgt environ	1/4/2023	Organic	p-Terphenyl-d14	n/a	=	17.7	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-CAM	srgt environ, rec	1/4/2023	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 625.1	-88	-88	44	129	
2022/23-2	MO-CAM	srgt environ	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	21.4	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-CAM	srgt environ, rec	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	106	%	EPA 8270C	-88	-88	19	134	
2022/23-2	MO-FIL	srgt environ	1/5/2023	Organic	p-Terphenyl-d14	n/a	=	13.9	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-FIL	srgt environ, rec	1/5/2023	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 625.1	-88	-88	44	129	
2022/23-2	MO-FIL	srgt environ	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	15.4	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-FIL	srgt environ, rec	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	76	%	EPA 8270C	-88	-88	19	134	
2022/23-2	MO-HUE	srgt environ	1/5/2023	Organic	p-Terphenyl-d14	n/a	=	15.6	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-HUE	srgt environ, rec	1/5/2023	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 625.1	-88	-88	44	129	
2022/23-2	MO-HUE	srgt environ	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	16.7	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	MO-HUE	srgt environ, rec	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	83	%	EPA 8270C	-88	-88	19	134	
2022/23-2	MO-MEI	srgt environ	1/4/2023	Organic	p-Terphenyl-d14	n/a	=	16	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-MEI	srgt environ, rec	1/4/2023	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 625.1	-88	-88	44	129	
2022/23-2	MO-MEI	srgt environ	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	19.7	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-MEI	srgt environ, rec	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 8270C	-88	-88	19	134	
2022/23-2	MO-MPK	srgt environ	1/5/2023	Organic	p-Terphenyl-d14	n/a	=	16	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-MPK	srgt environ, rec	1/5/2023	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 625.1	-88	-88	44	129	
2022/23-2	MO-MPK	srgt environ	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	16.8	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-MPK	srgt environ, rec	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 8270C	-88	-88	19	134	
2022/23-2	MO-OJA	srgt environ	1/4/2023	Organic	p-Terphenyl-d14	n/a	=	16.1	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-OJA	srgt environ, rec	1/4/2023	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 625.1	-88	-88	44	129	
2022/23-2	MO-OJA	srgt environ	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	19.8	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-OJA	srgt environ, rec	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 8270C	-88	-88	19	134	
2022/23-2	MO-OXN	srgt environ	1/5/2023	Organic	p-Terphenyl-d14	n/a	=	14	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-OXN	srgt environ, rec	1/5/2023	Organic	p-Terphenyl-d14	n/a	=	69	%	EPA 625.1	-88	-88	44	129	
2022/23-2	MO-OXN	srgt environ	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	16.2	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-OXN	srgt environ, rec	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 8270C	-88	-88	19	134	
2022/23-2	MO-SIM	srgt environ	1/5/2023	Organic	p-Terphenyl-d14	n/a	=	14.5	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-SIM	srgt environ, rec	1/5/2023	Organic	p-Terphenyl-d14	n/a	=	72	%	EPA 625.1	-88	-88	44	129	
2022/23-2	MO-SIM	srgt environ	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	16	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-SIM	srgt environ, rec	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	79	%	EPA 8270C	-88	-88	19	134	
2022/23-2	MO-SPA	srgt environ	1/4/2023	Organic	p-Terphenyl-d14	n/a	=	29.4	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-SPA	srgt environ, rec	1/4/2023	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 625.1	-88	-88	44	129	
2022/23-2	MO-SPA	srgt environ	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	32	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-SPA	srgt environ, rec	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 8270C	-88	-88	19	134	
2022/23-2	MO-THO	srgt environ	1/5/2023	Organic	p-Terphenyl-d14	n/a	=	17	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-THO	srgt environ, rec	1/5/2023	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 625.1	-88	-88	44	129	
2022/23-2	MO-THO	srgt environ	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	18.4	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-THO	srgt environ, rec	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 8270C	-88	-88	19	134	
2022/23-2	MO-VEN	srgt environ	1/4/2023	Organic	p-Terphenyl-d14	n/a	=	14.6	µg/L	EPA 625.1	-88	-88			
2022/23-2	MO-VEN	srgt environ, rec	1/4/2023	Organic	p-Terphenyl-d14	n/a	=	72	%	EPA 625.1	-88	-88	44	129	
2022/23-2	MO-VEN	srgt environ	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	17.7	µg/L	EPA 8270C	-88	-88			
2022/23-2	MO-VEN	srgt environ, rec	1/6/2023	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 8270C	-88	-88	19	134	
2022/23-2	Lab	LCS dup	1/4/2023	Organic	Pyrene	n/a	=	17.1	µg/L	EPA 625.1	0.25	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Organic	Pyrene	n/a	=	86	%	EPA 625.1	-88	-88	70	120	
2022/23-2	Lab	LCS, RPD	1/4/2023	Organic	Pyrene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Organic	Pyrene	n/a	=	19.5	µg/L	EPA 625.1	0.25	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Organic	Pyrene	n/a	=	97	%	EPA 625.1	-88	-88	70	120	
2022/23-2	Lab	method blank	1/4/2023	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-2	Lab	LCS	1/6/2023	Organic	Pyrene	n/a	=	14.4	µg/L	EPA 8270C	0.04	0.1			
2022/23-2	Lab	LCS, rec	1/6/2023	Organic	Pyrene	n/a	=	72	%	EPA 8270C	-88	-88	26	128	
2022/23-2	Lab	LCS dup	1/6/2023	Organic	Pyrene	n/a	=	15.1	µg/L	EPA 8270C	0.04	0.1			
2022/23-2	Lab	LCS dup, rec	1/6/2023	Organic	Pyrene	n/a	=	76	%	EPA 8270C	-88	-88	26	128	
2022/23-2	Lab	LCS, RPD	1/6/2023	Organic	Pyrene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	method blank	1/6/2023	Organic	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1			
2022/23-2	Lab	srgt method blank	12/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0845	µg/L	EPA 608.3	-88	-88			
2022/23-2	Lab	srgt method blank, rec	12/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	84	%	EPA 608.3	-88	-88	32	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	srgt LCS	12/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0865	µg/L	EPA 608.3	-88	-88			
2022/23-2	Lab	srgt LCS, rec	12/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	86	%	EPA 608.3	-88	-88	32	130	
2022/23-2	Lab	srgt LCS dup	12/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0536	µg/L	EPA 608.3	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	12/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	54	%	EPA 608.3	-88	-88	32	130	
2022/23-2	ME-CC	srgt environ	12/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0631	µg/L	EPA 608.3	-88	-88			
2022/23-2	ME-CC	srgt environ, rec	12/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	62	%	EPA 608.3	-88	-88	32	130	
2022/23-2	ME-VR2	srgt environ	12/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0777	µg/L	EPA 608.3	-88	-88			
2022/23-2	ME-VR2	srgt environ, rec	12/27/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	76	%	EPA 608.3	-88	-88	32	130	
2022/23-2	MO-CAM	srgt environ	12/28/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0487	µg/L	EPA 608.3	-88	-88			
2022/23-2	MO-CAM	srgt environ, rec	12/28/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	48	%	EPA 608.3	-88	-88	32	130	
2022/23-2	MO-FIL	srgt environ	12/28/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0659	µg/L	EPA 608.3	-88	-88			
2022/23-2	MO-FIL	srgt environ, rec	12/28/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	62	%	EPA 608.3	-88	-88	32	130	
2022/23-2	MO-HUE	srgt environ	12/28/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0671	µg/L	EPA 608.3	-88	-88			
2022/23-2	MO-HUE	srgt environ, rec	12/28/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	67	%	EPA 608.3	-88	-88	32	130	
2022/23-2	MO-MEI	srgt environ	12/28/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0493	µg/L	EPA 608.3	-88	-88			
2022/23-2	MO-MEI	srgt environ, rec	12/28/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	49	%	EPA 608.3	-88	-88	32	130	
2022/23-2	MO-MPK	srgt environ	12/28/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0526	µg/L	EPA 608.3	-88	-88			
2022/23-2	MO-MPK	srgt environ, rec	12/28/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 608.3	-88	-88	32	130	
2022/23-2	MO-OJA	srgt environ	12/28/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0559	µg/L	EPA 608.3	-88	-88			
2022/23-2	MO-OJA	srgt environ, rec	12/28/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	54	%	EPA 608.3	-88	-88	32	130	
2022/23-2	MO-OXN	srgt environ	12/28/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0473	µg/L	EPA 608.3	-88	-88			
2022/23-2	MO-OXN	srgt environ, rec	12/28/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	46	%	EPA 608.3	-88	-88	32	130	
2022/23-2	MO-SIM	srgt environ	12/28/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0415	µg/L	EPA 608.3	-88	-88			
2022/23-2	MO-SIM	srgt environ, rec	12/28/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	42	%	EPA 608.3	-88	-88	32	130	
2022/23-2	MO-SPA	srgt environ	12/28/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0516	µg/L	EPA 608.3	-88	-88			
2022/23-2	MO-SPA	srgt environ, rec	12/28/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	47	%	EPA 608.3	-88	-88	32	130	
2022/23-2	MO-THO	srgt environ	12/28/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0665	µg/L	EPA 608.3	-88	-88			
2022/23-2	MO-THO	srgt environ, rec	12/28/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	66	%	EPA 608.3	-88	-88	32	130	
2022/23-2	MO-VEN	srgt environ	12/28/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0466	µg/L	EPA 608.3	-88	-88			
2022/23-2	MO-VEN	srgt environ, rec	12/28/2022	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	46	%	EPA 608.3	-88	-88	32	130	
2022/23-2	Lab	srgt LCS	12/13/2022	Organic	Triphenylphosphate	n/a	=	0.561	µg/L	EPA 625.1m	-88	-88			
2022/23-2	Lab	srgt LCS, rec	12/13/2022	Organic	Triphenylphosphate	n/a	=	112	%	EPA 625.1m	-88	-88	40	200	
2022/23-2	Lab	srgt method blank	12/13/2022	Organic	Triphenylphosphate	n/a	=	0.576	µg/L	EPA 625.1m	-88	-88			
2022/23-2	Lab	srgt method blank, rec	12/13/2022	Organic	Triphenylphosphate	n/a	=	115	%	EPA 625.1m	-88	-88	40	200	
2022/23-2	Lab	srgt method blank	12/17/2022	Organic	Triphenylphosphate	n/a	=	4.85	µg/L	EPA 525.2	-88	-88			
2022/23-2	Lab	srgt method blank, rec	12/17/2022	Organic	Triphenylphosphate	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	srgt LCS	12/17/2022	Organic	Triphenylphosphate	n/a	=	6.36	µg/L	EPA 525.2	-88	-88			
2022/23-2	Lab	srgt LCS, rec	12/17/2022	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	srgt LCS dup	12/17/2022	Organic	Triphenylphosphate	n/a	=	5.87	µg/L	EPA 525.2	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	12/17/2022	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	srgt method blank	12/17/2022	Organic	Triphenylphosphate	n/a	=	5.09	µg/L	EPA 525.2	-88	-88			
2022/23-2	Lab	srgt method blank, rec	12/17/2022	Organic	Triphenylphosphate	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	srgt LCS	12/17/2022	Organic	Triphenylphosphate	n/a	=	6.24	µg/L	EPA 525.2	-88	-88			
2022/23-2	Lab	srgt LCS, rec	12/17/2022	Organic	Triphenylphosphate	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	srgt LCS dup	12/17/2022	Organic	Triphenylphosphate	n/a	=	6.22	µg/L	EPA 525.2	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	12/17/2022	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2022/23-2	ME-CC	srgt matrix spike	12/13/2022	Organic	Triphenylphosphate	n/a	=	0.57	µg/L	EPA 625.1m	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	ME-CC	srgt matrix spike, rec	12/13/2022	Organic	Triphenylphosphate	n/a	=	114	%	EPA 625.1m	-88	-88	40	200	
2022/23-2	ME-CC	srgt matrix spike dup	12/13/2022	Organic	Triphenylphosphate	n/a	=	0.588	µg/L	EPA 625.1m	-88	-88			
2022/23-2	ME-CC	srgt matrix spike dup, rec	12/13/2022	Organic	Triphenylphosphate	n/a	=	118	%	EPA 625.1m	-88	-88	40	200	
2022/23-2	ME-CC	srgt environ	12/13/2022	Organic	Triphenylphosphate	n/a	=	0.55	µg/L	EPA 625.1m	-88	-88			
2022/23-2	ME-CC	srgt environ, rec	12/13/2022	Organic	Triphenylphosphate	n/a	=	110	%	EPA 625.1m	-88	-88	40	200	
2022/23-2	ME-CC	srgt environ	12/17/2022	Organic	Triphenylphosphate	n/a	=	8.87	µg/L	EPA 525.2	-88	-88			GN
2022/23-2	ME-CC	srgt environ, rec	12/17/2022	Organic	Triphenylphosphate	n/a	=	172	%	EPA 525.2	-88	-88	70	130	GN
2022/23-2	ME-VR2	srgt environ	12/13/2022	Organic	Triphenylphosphate	n/a	=	0.637	µg/L	EPA 625.1m	-88	-88			
2022/23-2	ME-VR2	srgt environ, rec	12/13/2022	Organic	Triphenylphosphate	n/a	=	127	%	EPA 625.1m	-88	-88	40	200	
2022/23-2	ME-VR2	srgt environ	12/17/2022	Organic	Triphenylphosphate	n/a	=	7.12	µg/L	EPA 525.2	-88	-88			GN
2022/23-2	ME-VR2	srgt environ, rec	12/17/2022	Organic	Triphenylphosphate	n/a	=	141	%	EPA 525.2	-88	-88	70	130	GN
2022/23-2	MO-CAM	srgt environ	12/13/2022	Organic	Triphenylphosphate	n/a	=	0.523	µg/L	EPA 625.1m	-88	-88			
2022/23-2	MO-CAM	srgt environ, rec	12/13/2022	Organic	Triphenylphosphate	n/a	=	105	%	EPA 625.1m	-88	-88	40	200	
2022/23-2	MO-CAM	srgt environ	12/17/2022	Organic	Triphenylphosphate	n/a	=	11	µg/L	EPA 525.2	-88	-88			GN
2022/23-2	MO-CAM	srgt environ, rec	12/17/2022	Organic	Triphenylphosphate	n/a	=	217	%	EPA 525.2	-88	-88	70	130	GN
2022/23-2	MO-FIL	srgt environ	12/13/2022	Organic	Triphenylphosphate	n/a	=	0.594	µg/L	EPA 625.1m	-88	-88			
2022/23-2	MO-FIL	srgt environ, rec	12/13/2022	Organic	Triphenylphosphate	n/a	=	119	%	EPA 625.1m	-88	-88	40	200	
2022/23-2	MO-FIL	srgt environ	12/17/2022	Organic	Triphenylphosphate	n/a	=	9.22	µg/L	EPA 525.2	-88	-88			GN
2022/23-2	MO-FIL	srgt environ, rec	12/17/2022	Organic	Triphenylphosphate	n/a	=	181	%	EPA 525.2	-88	-88	70	130	GN
2022/23-2	MO-HUE	srgt environ	12/13/2022	Organic	Triphenylphosphate	n/a	=	0.569	µg/L	EPA 625.1m	-88	-88			
2022/23-2	MO-HUE	srgt environ, rec	12/13/2022	Organic	Triphenylphosphate	n/a	=	114	%	EPA 625.1m	-88	-88	40	200	
2022/23-2	MO-HUE	srgt environ	12/17/2022	Organic	Triphenylphosphate	n/a	=	8.58	µg/L	EPA 525.2	-88	-88			GN
2022/23-2	MO-HUE	srgt environ, rec	12/17/2022	Organic	Triphenylphosphate	n/a	=	164	%	EPA 525.2	-88	-88	70	130	GN
2022/23-2	MO-MEI	srgt environ	12/13/2022	Organic	Triphenylphosphate	n/a	=	0.606	µg/L	EPA 625.1m	-88	-88			
2022/23-2	MO-MEI	srgt environ, rec	12/13/2022	Organic	Triphenylphosphate	n/a	=	121	%	EPA 625.1m	-88	-88	40	200	
2022/23-2	MO-MEI	srgt environ	12/17/2022	Organic	Triphenylphosphate	n/a	=	10.6	µg/L	EPA 525.2	-88	-88			GN
2022/23-2	MO-MEI	srgt environ, rec	12/17/2022	Organic	Triphenylphosphate	n/a	=	206	%	EPA 525.2	-88	-88	70	130	GN
2022/23-2	MO-MPK	srgt environ	12/13/2022	Organic	Triphenylphosphate	n/a	=	0.644	µg/L	EPA 625.1m	-88	-88			
2022/23-2	MO-MPK	srgt environ, rec	12/13/2022	Organic	Triphenylphosphate	n/a	=	129	%	EPA 625.1m	-88	-88	40	200	
2022/23-2	MO-MPK	srgt environ	12/17/2022	Organic	Triphenylphosphate	n/a	=	9.31	µg/L	EPA 525.2	-88	-88			GN
2022/23-2	MO-MPK	srgt environ, rec	12/17/2022	Organic	Triphenylphosphate	n/a	=	184	%	EPA 525.2	-88	-88	70	130	GN
2022/23-2	MO-OJA	srgt environ	12/13/2022	Organic	Triphenylphosphate	n/a	=	0.637	µg/L	EPA 625.1m	-88	-88			
2022/23-2	MO-OJA	srgt environ, rec	12/13/2022	Organic	Triphenylphosphate	n/a	=	127	%	EPA 625.1m	-88	-88	40	200	
2022/23-2	MO-OJA	srgt environ	12/17/2022	Organic	Triphenylphosphate	n/a	=	9.66	µg/L	EPA 525.2	-88	-88			GN
2022/23-2	MO-OJA	srgt environ, rec	12/17/2022	Organic	Triphenylphosphate	n/a	=	183	%	EPA 525.2	-88	-88	70	130	GN
2022/23-2	MO-OXN	srgt environ	12/13/2022	Organic	Triphenylphosphate	n/a	=	0.403	µg/L	EPA 625.1m	-88	-88			
2022/23-2	MO-OXN	srgt environ, rec	12/13/2022	Organic	Triphenylphosphate	n/a	=	81	%	EPA 625.1m	-88	-88	40	200	
2022/23-2	MO-OXN	srgt environ	12/17/2022	Organic	Triphenylphosphate	n/a	=	11.1	µg/L	EPA 525.2	-88	-88			GN
2022/23-2	MO-OXN	srgt environ, rec	12/17/2022	Organic	Triphenylphosphate	n/a	=	220	%	EPA 525.2	-88	-88	70	130	GN
2022/23-2	MO-SIM	srgt environ	12/13/2022	Organic	Triphenylphosphate	n/a	=	0.6	µg/L	EPA 625.1m	-88	-88			
2022/23-2	MO-SIM	srgt environ, rec	12/13/2022	Organic	Triphenylphosphate	n/a	=	120	%	EPA 625.1m	-88	-88	40	200	
2022/23-2	MO-SIM	srgt environ	12/17/2022	Organic	Triphenylphosphate	n/a	=	10.3	µg/L	EPA 525.2	-88	-88			GN
2022/23-2	MO-SIM	srgt environ, rec	12/17/2022	Organic	Triphenylphosphate	n/a	=	205	%	EPA 525.2	-88	-88	70	130	GN
2022/23-2	MO-SPA	srgt environ	12/13/2022	Organic	Triphenylphosphate	n/a	=	0.535	µg/L	EPA 625.1m	-88	-88			
2022/23-2	MO-SPA	srgt environ, rec	12/13/2022	Organic	Triphenylphosphate	n/a	=	107	%	EPA 625.1m	-88	-88	40	200	
2022/23-2	MO-SPA	srgt environ	12/17/2022	Organic	Triphenylphosphate	n/a	=	11.5	µg/L	EPA 525.2	-88	-88			GN
2022/23-2	MO-SPA	srgt environ, rec	12/17/2022	Organic	Triphenylphosphate	n/a	=	220	%	EPA 525.2	-88	-88	70	130	GN

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	MO-THO	srgt environ	12/13/2022	Organic	Triphenylphosphate	n/a	=	0.534	µg/L	EPA 625.1m	-88	-88			
2022/23-2	MO-THO	srgt environ, rec	12/13/2022	Organic	Triphenylphosphate	n/a	=	107	%	EPA 625.1m	-88	-88	40	200	
2022/23-2	MO-THO	srgt environ	12/17/2022	Organic	Triphenylphosphate	n/a	=	7.1	µg/L	EPA 525.2	-88	-88			GN
2022/23-2	MO-THO	srgt environ, rec	12/17/2022	Organic	Triphenylphosphate	n/a	=	140	%	EPA 525.2	-88	-88	70	130	GN
2022/23-2	MO-VEN	srgt environ	12/13/2022	Organic	Triphenylphosphate	n/a	=	0.505	µg/L	EPA 625.1m	-88	-88			
2022/23-2	MO-VEN	srgt environ, rec	12/13/2022	Organic	Triphenylphosphate	n/a	=	101	%	EPA 625.1m	-88	-88	40	200	
2022/23-2	MO-VEN	srgt environ	12/17/2022	Organic	Triphenylphosphate	n/a	=	11	µg/L	EPA 525.2	-88	-88			GN
2022/23-2	MO-VEN	srgt environ, rec	12/17/2022	Organic	Triphenylphosphate	n/a	=	217	%	EPA 525.2	-88	-88	70	130	GN
2022/23-2	Lab	srgt method blank	12/27/2022	PCB	PCB 209	n/a	=	0.0941	µg/L	EPA 608.3	-88	-88			
2022/23-2	Lab	srgt method blank, rec	12/27/2022	PCB	PCB 209	n/a	=	94	%	EPA 608.3	-88	-88	33	133	
2022/23-2	Lab	srgt LCS	12/27/2022	PCB	PCB 209	n/a	=	0.0896	µg/L	EPA 608.3	-88	-88			
2022/23-2	Lab	srgt LCS, rec	12/27/2022	PCB	PCB 209	n/a	=	90	%	EPA 608.3	-88	-88	33	133	
2022/23-2	Lab	srgt LCS dup	12/27/2022	PCB	PCB 209	n/a	=	0.054	µg/L	EPA 608.3	-88	-88			
2022/23-2	Lab	srgt LCS dup, rec	12/27/2022	PCB	PCB 209	n/a	=	54	%	EPA 608.3	-88	-88	33	133	
2022/23-2	ME-CC	srgt environ	12/27/2022	PCB	PCB 209	n/a	=	0.0772	µg/L	EPA 608.3	-88	-88			
2022/23-2	ME-CC	srgt environ, rec	12/27/2022	PCB	PCB 209	n/a	=	76	%	EPA 608.3	-88	-88	33	133	
2022/23-2	ME-VR2	srgt environ	12/27/2022	PCB	PCB 209	n/a	=	0.075	µg/L	EPA 608.3	-88	-88			
2022/23-2	ME-VR2	srgt environ, rec	12/27/2022	PCB	PCB 209	n/a	=	73	%	EPA 608.3	-88	-88	33	133	
2022/23-2	MO-CAM	srgt environ	12/28/2022	PCB	PCB 209	n/a	=	0.0331	µg/L	EPA 608.3	-88	-88			
2022/23-2	MO-CAM	srgt environ, rec	12/28/2022	PCB	PCB 209	n/a	=	33	%	EPA 608.3	-88	-88	33	133	
2022/23-2	MO-FIL	srgt environ	12/28/2022	PCB	PCB 209	n/a	=	0.0394	µg/L	EPA 608.3	-88	-88			
2022/23-2	MO-FIL	srgt environ, rec	12/28/2022	PCB	PCB 209	n/a	=	37	%	EPA 608.3	-88	-88	33	133	
2022/23-2	MO-HUE	srgt environ	12/28/2022	PCB	PCB 209	n/a	=	0.0545	µg/L	EPA 608.3	-88	-88			
2022/23-2	MO-HUE	srgt environ, rec	12/28/2022	PCB	PCB 209	n/a	=	54	%	EPA 608.3	-88	-88	33	133	
2022/23-2	MO-MEI	srgt environ	12/28/2022	PCB	PCB 209	n/a	=	0.028	µg/L	EPA 608.3	-88	-88			GN
2022/23-2	MO-MEI	srgt environ, rec	12/28/2022	PCB	PCB 209	n/a	=	28	%	EPA 608.3	-88	-88	33	133	GN
2022/23-2	MO-MPK	srgt environ	12/28/2022	PCB	PCB 209	n/a	=	0.0275	µg/L	EPA 608.3	-88	-88			GN
2022/23-2	MO-MPK	srgt environ, rec	12/28/2022	PCB	PCB 209	n/a	=	27	%	EPA 608.3	-88	-88	33	133	GN
2022/23-2	MO-OJA	srgt environ	12/28/2022	PCB	PCB 209	n/a	=	0.0218	µg/L	EPA 608.3	-88	-88			GN
2022/23-2	MO-OJA	srgt environ, rec	12/28/2022	PCB	PCB 209	n/a	=	21	%	EPA 608.3	-88	-88	33	133	GN
2022/23-2	MO-OXN	srgt environ	12/28/2022	PCB	PCB 209	n/a	=	0.0157	µg/L	EPA 608.3	-88	-88			GN
2022/23-2	MO-OXN	srgt environ, rec	12/28/2022	PCB	PCB 209	n/a	=	15	%	EPA 608.3	-88	-88	33	133	GN
2022/23-2	MO-SIM	srgt environ	12/28/2022	PCB	PCB 209	n/a	=	0.0344	µg/L	EPA 608.3	-88	-88			
2022/23-2	MO-SIM	srgt environ, rec	12/28/2022	PCB	PCB 209	n/a	=	34	%	EPA 608.3	-88	-88	33	133	
2022/23-2	MO-SPA	srgt environ	12/28/2022	PCB	PCB 209	n/a	=	0.0354	µg/L	EPA 608.3	-88	-88			GN
2022/23-2	MO-SPA	srgt environ, rec	12/28/2022	PCB	PCB 209	n/a	=	32	%	EPA 608.3	-88	-88	33	133	GN
2022/23-2	MO-THO	srgt environ	12/28/2022	PCB	PCB 209	n/a	=	0.0634	µg/L	EPA 608.3	-88	-88			
2022/23-2	MO-THO	srgt environ, rec	12/28/2022	PCB	PCB 209	n/a	=	63	%	EPA 608.3	-88	-88	33	133	
2022/23-2	MO-VEN	srgt environ	12/28/2022	PCB	PCB 209	n/a	=	0.0223	µg/L	EPA 608.3	-88	-88			GN
2022/23-2	MO-VEN	srgt environ, rec	12/28/2022	PCB	PCB 209	n/a	=	22	%	EPA 608.3	-88	-88	33	133	GN
2022/23-2	Lab	method blank	12/27/2022	PCB	PCB Aroclor 1016	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.5			
2022/23-2	Lab	method blank	12/27/2022	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2022/23-2	Lab	method blank	12/27/2022	PCB	PCB Aroclor 1232	n/a	<	0.083	µg/L	EPA 608.3	0.083	0.5			
2022/23-2	Lab	method blank	12/27/2022	PCB	PCB Aroclor 1242	n/a	<	0.095	µg/L	EPA 608.3	0.095	0.5			
2022/23-2	Lab	method blank	12/27/2022	PCB	PCB Aroclor 1248	n/a	<	0.083	µg/L	EPA 608.3	0.083	0.5			
2022/23-2	Lab	method blank	12/27/2022	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5			
2022/23-2	Lab	method blank	12/27/2022	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	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	
2022/23-2	Lab	method blank	12/11/2022	Pesticide	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2			
2022/23-2	Lab	LCS	12/11/2022	Pesticide	2,4,5-T	n/a	=	3.83	µg/L	EPA 515.4	0.03	0.2			
2022/23-2	Lab	LCS, rec	12/11/2022	Pesticide	2,4,5-T	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike	12/11/2022	Pesticide	2,4,5-T	n/a	=	3.74	µg/L	EPA 515.4	0.03	0.2			
2022/23-2	ME-CC	matrix spike, rec	12/11/2022	Pesticide	2,4,5-T	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike dup	12/11/2022	Pesticide	2,4,5-T	n/a	=	4.29	µg/L	EPA 515.4	0.03	0.2			
2022/23-2	ME-CC	matrix spike dup, rec	12/11/2022	Pesticide	2,4,5-T	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike, RPD	12/11/2022	Pesticide	2,4,5-T	n/a	=	14	%	EPA 515.4	-88	-88	0	30	
2022/23-2	Lab	method blank	12/11/2022	Pesticide	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2			
2022/23-2	Lab	LCS	12/11/2022	Pesticide	2,4,5-TP	n/a	=	3.95	µg/L	EPA 515.4	0.026	0.2			
2022/23-2	Lab	LCS, rec	12/11/2022	Pesticide	2,4,5-TP	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike	12/11/2022	Pesticide	2,4,5-TP	n/a	=	3.86	µg/L	EPA 515.4	0.026	0.2			
2022/23-2	ME-CC	matrix spike, rec	12/11/2022	Pesticide	2,4,5-TP	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike dup	12/11/2022	Pesticide	2,4,5-TP	n/a	=	3.85	µg/L	EPA 515.4	0.026	0.2			
2022/23-2	ME-CC	matrix spike dup, rec	12/11/2022	Pesticide	2,4,5-TP	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike, RPD	12/11/2022	Pesticide	2,4,5-TP	n/a	=	0.3	%	EPA 515.4	-88	-88	0	30	
2022/23-2	Lab	method blank	12/11/2022	Pesticide	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4			
2022/23-2	Lab	LCS	12/11/2022	Pesticide	2,4-D	n/a	=	7.96	µg/L	EPA 515.4	0.14	0.4			
2022/23-2	Lab	LCS, rec	12/11/2022	Pesticide	2,4-D	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike	12/11/2022	Pesticide	2,4-D	n/a	=	7.8	µg/L	EPA 515.4	0.14	0.4			
2022/23-2	ME-CC	matrix spike, rec	12/11/2022	Pesticide	2,4-D	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike dup	12/11/2022	Pesticide	2,4-D	n/a	=	7.52	µg/L	EPA 515.4	0.14	0.4			
2022/23-2	ME-CC	matrix spike dup, rec	12/11/2022	Pesticide	2,4-D	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike, RPD	12/11/2022	Pesticide	2,4-D	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2022/23-2	Lab	method blank	12/11/2022	Pesticide	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2			
2022/23-2	Lab	LCS	12/11/2022	Pesticide	2,4-DB	n/a	=	13.3	µg/L	EPA 515.4	0.19	2			
2022/23-2	Lab	LCS, rec	12/11/2022	Pesticide	2,4-DB	n/a	=	83	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike	12/11/2022	Pesticide	2,4-DB	n/a	=	15.8	µg/L	EPA 515.4	0.19	2			
2022/23-2	ME-CC	matrix spike, rec	12/11/2022	Pesticide	2,4-DB	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike dup	12/11/2022	Pesticide	2,4-DB	n/a	=	15	µg/L	EPA 515.4	0.19	2			
2022/23-2	ME-CC	matrix spike dup, rec	12/11/2022	Pesticide	2,4-DB	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike, RPD	12/11/2022	Pesticide	2,4-DB	n/a	=	6	%	EPA 515.4	-88	-88	0	30	
2022/23-2	Lab	method blank	12/11/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1			
2022/23-2	Lab	LCS	12/11/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.95	µg/L	EPA 515.4	0.12	1			
2022/23-2	Lab	LCS, rec	12/11/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike	12/11/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.71	µg/L	EPA 515.4	0.12	1			
2022/23-2	ME-CC	matrix spike, rec	12/11/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike dup	12/11/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.85	µg/L	EPA 515.4	0.12	1			
2022/23-2	ME-CC	matrix spike dup, rec	12/11/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike, RPD	12/11/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2022/23-2	Lab	method blank	12/27/2022	Pesticide	4,4'-DDD	n/a	<	0.0027	µg/L	EPA 608.3	0.0027	0.05			
2022/23-2	Lab	LCS	12/27/2022	Pesticide	4,4'-DDD	n/a	=	0.111	µg/L	EPA 608.3	0.0027	0.05			
2022/23-2	Lab	LCS, rec	12/27/2022	Pesticide	4,4'-DDD	n/a	=	111	%	EPA 608.3	-88	-88	48	130	
2022/23-2	Lab	LCS dup	12/27/2022	Pesticide	4,4'-DDD	n/a	=	0.0655	µg/L	EPA 608.3	0.0027	0.05			IL
2022/23-2	Lab	LCS dup, rec	12/27/2022	Pesticide	4,4'-DDD	n/a	=	65	%	EPA 608.3	-88	-88	48	130	IL
2022/23-2	Lab	LCS, RPD	12/27/2022	Pesticide	4,4'-DDD	n/a	=	51	%	EPA 608.3	-88	-88	0	30	IL
2022/23-2	Lab	method blank	12/27/2022	Pesticide	4,4'-DDE	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	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	
2022/23-2	Lab	LCS	12/27/2022	Pesticide	4,4'-DDE	n/a	=	0.103	µg/L	EPA 608.3	0.0018	0.05			
2022/23-2	Lab	LCS, rec	12/27/2022	Pesticide	4,4'-DDE	n/a	=	103	%	EPA 608.3	-88	-88	54	130	
2022/23-2	Lab	LCS dup	12/27/2022	Pesticide	4,4'-DDE	n/a	=	0.0626	µg/L	EPA 608.3	0.0018	0.05			IL
2022/23-2	Lab	LCS dup, rec	12/27/2022	Pesticide	4,4'-DDE	n/a	=	63	%	EPA 608.3	-88	-88	54	130	IL
2022/23-2	Lab	LCS, RPD	12/27/2022	Pesticide	4,4'-DDE	n/a	=	49	%	EPA 608.3	-88	-88	0	30	IL
2022/23-2	Lab	method blank	12/27/2022	Pesticide	4,4'-DDT	n/a	<	0.0028	µg/L	EPA 608.3	0.0028	0.01			
2022/23-2	Lab	LCS	12/27/2022	Pesticide	4,4'-DDT	n/a	=	0.115	µg/L	EPA 608.3	0.0028	0.01			
2022/23-2	Lab	LCS, rec	12/27/2022	Pesticide	4,4'-DDT	n/a	=	115	%	EPA 608.3	-88	-88	46	137	
2022/23-2	Lab	LCS dup	12/27/2022	Pesticide	4,4'-DDT	n/a	=	0.0658	µg/L	EPA 608.3	0.0028	0.01			IL
2022/23-2	Lab	LCS dup, rec	12/27/2022	Pesticide	4,4'-DDT	n/a	=	66	%	EPA 608.3	-88	-88	46	137	IL
2022/23-2	Lab	LCS, RPD	12/27/2022	Pesticide	4,4'-DDT	n/a	=	55	%	EPA 608.3	-88	-88	0	30	IL
2022/23-2	Lab	method blank	12/11/2022	Pesticide	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4			
2022/23-2	Lab	LCS	12/11/2022	Pesticide	Acifluorfen	n/a	=	3.85	µg/L	EPA 515.4	0.03	0.4			
2022/23-2	Lab	LCS, rec	12/11/2022	Pesticide	Acifluorfen	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike	12/11/2022	Pesticide	Acifluorfen	n/a	=	3.88	µg/L	EPA 515.4	0.03	0.4			
2022/23-2	ME-CC	matrix spike, rec	12/11/2022	Pesticide	Acifluorfen	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike dup	12/11/2022	Pesticide	Acifluorfen	n/a	=	4.03	µg/L	EPA 515.4	0.03	0.4			
2022/23-2	ME-CC	matrix spike dup, rec	12/11/2022	Pesticide	Acifluorfen	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike, RPD	12/11/2022	Pesticide	Acifluorfen	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Alachlor	n/a	=	7.42	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Alachlor	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Alachlor	n/a	=	7.45	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Alachlor	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Alachlor	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Alachlor	n/a	=	7.07	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Alachlor	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Alachlor	n/a	=	7.67	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Alachlor	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Alachlor	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/27/2022	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2022/23-2	Lab	LCS	12/27/2022	Pesticide	Aldrin	n/a	=	0.089	µg/L	EPA 608.3	0.001	0.005			
2022/23-2	Lab	LCS, rec	12/27/2022	Pesticide	Aldrin	n/a	=	89	%	EPA 608.3	-88	-88	54	130	
2022/23-2	Lab	LCS dup	12/27/2022	Pesticide	Aldrin	n/a	=	0.0566	µg/L	EPA 608.3	0.001	0.005			IL
2022/23-2	Lab	LCS dup, rec	12/27/2022	Pesticide	Aldrin	n/a	=	57	%	EPA 608.3	-88	-88	54	130	IL
2022/23-2	Lab	LCS, RPD	12/27/2022	Pesticide	Aldrin	n/a	=	44	%	EPA 608.3	-88	-88	0	30	IL
2022/23-2	Lab	method blank	12/27/2022	Pesticide	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2022/23-2	Lab	LCS	12/27/2022	Pesticide	alpha-BHC	n/a	=	0.0961	µg/L	EPA 608.3	0.0011	0.01			
2022/23-2	Lab	LCS, rec	12/27/2022	Pesticide	alpha-BHC	n/a	=	96	%	EPA 608.3	-88	-88	49	130	
2022/23-2	Lab	LCS dup	12/27/2022	Pesticide	alpha-BHC	n/a	=	0.0614	µg/L	EPA 608.3	0.0011	0.01			IL
2022/23-2	Lab	LCS dup, rec	12/27/2022	Pesticide	alpha-BHC	n/a	=	61	%	EPA 608.3	-88	-88	49	130	IL
2022/23-2	Lab	LCS, RPD	12/27/2022	Pesticide	alpha-BHC	n/a	=	44	%	EPA 608.3	-88	-88	0	30	IL
2022/23-2	Lab	method blank	12/27/2022	Pesticide	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01			
2022/23-2	Lab	LCS	12/27/2022	Pesticide	alpha-Chlordane	n/a	=	0.0976	µg/L	EPA 608.3	0.0029	0.01			
2022/23-2	Lab	LCS, rec	12/27/2022	Pesticide	alpha-Chlordane	n/a	=	98	%	EPA 608.3	-88	-88	23	127	
2022/23-2	Lab	LCS dup	12/27/2022	Pesticide	alpha-Chlordane	n/a	=	0.0607	µg/L	EPA 608.3	0.0029	0.01			IL

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	LCS dup, rec	12/27/2022	Pesticide	alpha-Chlordane	n/a	=	61	%	EPA 608.3	-88	-88	23	127	IL
2022/23-2	Lab	LCS, RPD	12/27/2022	Pesticide	alpha-Chlordane	n/a	=	47	%	EPA 608.3	-88	-88	0	30	IL
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Atrazine	n/a	=	4.72	µg/L	EPA 525.2	0.011	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Atrazine	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Atrazine	n/a	=	4.52	µg/L	EPA 525.2	0.011	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Atrazine	n/a	=	90	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Atrazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Atrazine	n/a	=	4.75	µg/L	EPA 525.2	0.011	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Atrazine	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Atrazine	n/a	=	4.8	µg/L	EPA 525.2	0.011	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Atrazine	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Atrazine	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Azinphos methyl	n/a	=	0.0547	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Azinphos methyl	n/a	=	109	%	EPA 625.1m	-88	-88	47	200	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Azinphos methyl	n/a	=	0.0631	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Azinphos methyl	n/a	=	126	%	EPA 625.1m	-88	-88	0.1	153	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Azinphos methyl	n/a	=	0.0701	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Azinphos methyl	n/a	=	140	%	EPA 625.1m	-88	-88	0.1	153	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Azinphos methyl	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2022/23-2	Lab	method blank	12/11/2022	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2			
2022/23-2	Lab	LCS	12/11/2022	Pesticide	Bentazon	n/a	=	16.8	µg/L	EPA 515.4	0.23	2			
2022/23-2	Lab	LCS, rec	12/11/2022	Pesticide	Bentazon	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike	12/11/2022	Pesticide	Bentazon	n/a	=	16	µg/L	EPA 515.4	0.23	2			
2022/23-2	ME-CC	matrix spike, rec	12/11/2022	Pesticide	Bentazon	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike dup	12/11/2022	Pesticide	Bentazon	n/a	=	15.7	µg/L	EPA 515.4	0.23	2			
2022/23-2	ME-CC	matrix spike dup, rec	12/11/2022	Pesticide	Bentazon	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike, RPD	12/11/2022	Pesticide	Bentazon	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2022/23-2	Lab	method blank	12/27/2022	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2022/23-2	Lab	LCS	12/27/2022	Pesticide	beta-BHC	n/a	=	0.0987	µg/L	EPA 608.3	0.0015	0.005			
2022/23-2	Lab	LCS, rec	12/27/2022	Pesticide	beta-BHC	n/a	=	99	%	EPA 608.3	-88	-88	39	130	
2022/23-2	Lab	LCS dup	12/27/2022	Pesticide	beta-BHC	n/a	=	0.062	µg/L	EPA 608.3	0.0015	0.005			IL
2022/23-2	Lab	LCS dup, rec	12/27/2022	Pesticide	beta-BHC	n/a	=	62	%	EPA 608.3	-88	-88	39	130	IL
2022/23-2	Lab	LCS, RPD	12/27/2022	Pesticide	beta-BHC	n/a	=	46	%	EPA 608.3	-88	-88	0	30	IL
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Bolstar	n/a	=	0.0582	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Bolstar	n/a	=	116	%	EPA 625.1m	-88	-88	27	162	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Bolstar	n/a	=	0.0576	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Bolstar	n/a	=	115	%	EPA 625.1m	-88	-88	22	160	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Bolstar	n/a	=	0.0599	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Bolstar	n/a	=	120	%	EPA 625.1m	-88	-88	22	160	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Bolstar	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Bromacil	n/a	=	5.05	µg/L	EPA 525.2	0.07	0.5			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Bromacil	n/a	=	101	%	EPA 525.2	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Bromacil	n/a	=	4.66	µg/L	EPA 525.2	0.07	0.5			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Bromacil	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Bromacil	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Bromacil	n/a	=	4.88	µg/L	EPA 525.2	0.07	0.5			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Bromacil	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Bromacil	n/a	=	5.32	µg/L	EPA 525.2	0.07	0.5			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Bromacil	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Bromacil	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Butachlor	n/a	=	5.61	µg/L	EPA 525.2	0.012	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Butachlor	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Butachlor	n/a	=	5.43	µg/L	EPA 525.2	0.012	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Butachlor	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Butachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Butachlor	n/a	=	5.28	µg/L	EPA 525.2	0.012	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Butachlor	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Butachlor	n/a	=	5.65	µg/L	EPA 525.2	0.012	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Butachlor	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Butachlor	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Captan	n/a	=	5.16	µg/L	EPA 525.2	0.32	1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Captan	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Captan	n/a	=	5.09	µg/L	EPA 525.2	0.32	1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Captan	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Captan	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Captan	n/a	=	4.43	µg/L	EPA 525.2	0.32	1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Captan	n/a	=	89	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Captan	n/a	=	4.86	µg/L	EPA 525.2	0.32	1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Captan	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Captan	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/27/2022	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Chloroprotham	n/a	=	5.38	µg/L	EPA 525.2	0.04	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Chloroprotham	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Chloroprotham	n/a	=	5.25	µg/L	EPA 525.2	0.04	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Chloroprotham	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Chloroprotham	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Chloroprotham	n/a	=	5.21	µg/L	EPA 525.2	0.04	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Chloroprotham	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Chloroprotham	n/a	=	5.58	µg/L	EPA 525.2	0.04	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Chloroprotham	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Chloroprotham	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Chlorpyrifos	n/a	=	0.0586	µg/L	EPA 625.1m	0.0013	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	
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Chlorpyrifos	n/a	=	117	%	EPA 625.1m	-88	-88	72	144	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Chlorpyrifos	n/a	=	0.0518	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Chlorpyrifos	n/a	=	104	%	EPA 625.1m	-88	-88	48	151	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Chlorpyrifos	n/a	=	0.0494	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Chlorpyrifos	n/a	=	99	%	EPA 625.1m	-88	-88	48	151	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Chlorpyrifos	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Coumaphos	n/a	=	0.049	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Coumaphos	n/a	=	98	%	EPA 625.1m	-88	-88	10	200	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Coumaphos	n/a	=	0.0531	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Coumaphos	n/a	=	106	%	EPA 625.1m	-88	-88	0.1	190	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Coumaphos	n/a	=	0.0571	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Coumaphos	n/a	=	114	%	EPA 625.1m	-88	-88	0.1	190	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Coumaphos	n/a	=	7	%	EPA 625.1m	-88	-88	0	30	
2022/23-2	Lab	method blank	12/11/2022	Pesticide	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4			
2022/23-2	Lab	LCS	12/11/2022	Pesticide	Dalapon	n/a	=	8.11	µg/L	EPA 515.4	0.11	0.4			
2022/23-2	Lab	LCS, rec	12/11/2022	Pesticide	Dalapon	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike	12/11/2022	Pesticide	Dalapon	n/a	=	8.31	µg/L	EPA 515.4	0.11	0.4			
2022/23-2	ME-CC	matrix spike, rec	12/11/2022	Pesticide	Dalapon	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike dup	12/11/2022	Pesticide	Dalapon	n/a	=	8.56	µg/L	EPA 515.4	0.11	0.4			
2022/23-2	ME-CC	matrix spike dup, rec	12/11/2022	Pesticide	Dalapon	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike, RPD	12/11/2022	Pesticide	Dalapon	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2022/23-2	Lab	method blank	12/11/2022	Pesticide	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1			
2022/23-2	Lab	LCS	12/11/2022	Pesticide	DCPA (Dacthal)	n/a	=	3.9	µg/L	EPA 515.4	0.029	0.1			
2022/23-2	Lab	LCS, rec	12/11/2022	Pesticide	DCPA (Dacthal)	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike	12/11/2022	Pesticide	DCPA (Dacthal)	n/a	=	4.26	µg/L	EPA 515.4	0.029	0.1			
2022/23-2	ME-CC	matrix spike, rec	12/11/2022	Pesticide	DCPA (Dacthal)	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike dup	12/11/2022	Pesticide	DCPA (Dacthal)	n/a	=	4.3	µg/L	EPA 515.4	0.029	0.1			
2022/23-2	ME-CC	matrix spike dup, rec	12/11/2022	Pesticide	DCPA (Dacthal)	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike, RPD	12/11/2022	Pesticide	DCPA (Dacthal)	n/a	=	0.8	%	EPA 515.4	-88	-88	0	30	
2022/23-2	Lab	method blank	12/27/2022	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2022/23-2	Lab	LCS	12/27/2022	Pesticide	delta-BHC	n/a	=	0.111	µg/L	EPA 608.3	0.0019	0.005			
2022/23-2	Lab	LCS, rec	12/27/2022	Pesticide	delta-BHC	n/a	=	111	%	EPA 608.3	-88	-88	51	130	
2022/23-2	Lab	LCS dup	12/27/2022	Pesticide	delta-BHC	n/a	=	0.0658	µg/L	EPA 608.3	0.0019	0.005			IL
2022/23-2	Lab	LCS dup, rec	12/27/2022	Pesticide	delta-BHC	n/a	=	66	%	EPA 608.3	-88	-88	51	130	IL
2022/23-2	Lab	LCS, RPD	12/27/2022	Pesticide	delta-BHC	n/a	=	51	%	EPA 608.3	-88	-88	0	30	IL
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Demeton-O	n/a	DNQ	0.0095	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Demeton-O	n/a	=	76	%	EPA 625.1m	-88	-88	23	121	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Demeton-O	n/a	DNQ	0.0096	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Demeton-O	n/a	=	77	%	EPA 625.1m	-88	-88	63	151	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Demeton-O	n/a	=	0.0103	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Demeton-O	n/a	=	83	%	EPA 625.1m	-88	-88	63	151	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Demeton-O	n/a	=	8	%	EPA 625.1m	-88	-88	0	30	
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Demeton-S	n/a	=	0.0479	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Demeton-S	n/a	=	128	%	EPA 625.1m	-88	-88	53	147	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Demeton-S	n/a	=	0.04	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Demeton-S	n/a	=	107	%	EPA 625.1m	-88	-88	0.1	204	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Demeton-S	n/a	=	0.0401	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Demeton-S	n/a	=	107	%	EPA 625.1m	-88	-88	0.1	204	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Demeton-S	n/a	=	0.2	%	EPA 625.1m	-88	-88	0	30	
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Diazinon	n/a	=	0.0392	µg/L	EPA 625.1m	0.001	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Diazinon	n/a	=	78	%	EPA 625.1m	-88	-88	75	150	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01			
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Diazinon	n/a	=	4.49	µg/L	EPA 525.2	0.022	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Diazinon	n/a	=	90	%	EPA 525.2	-88	-88	50	120	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Diazinon	n/a	=	4.78	µg/L	EPA 525.2	0.022	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Diazinon	n/a	=	96	%	EPA 525.2	-88	-88	50	120	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Diazinon	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Diazinon	n/a	=	3.07	µg/L	EPA 525.2	0.022	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Diazinon	n/a	=	61	%	EPA 525.2	-88	-88	50	120	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Diazinon	n/a	=	3.26	µg/L	EPA 525.2	0.022	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Diazinon	n/a	=	65	%	EPA 525.2	-88	-88	50	120	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Diazinon	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Diazinon	n/a	=	0.0436	µg/L	EPA 625.1m	0.001	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Diazinon	n/a	=	87	%	EPA 625.1m	-88	-88	46	139	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Diazinon	n/a	=	0.0459	µg/L	EPA 625.1m	0.001	0.01			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Diazinon	n/a	=	92	%	EPA 625.1m	-88	-88	46	139	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Diazinon	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2022/23-2	Lab	method blank	12/11/2022	Pesticide	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6			
2022/23-2	Lab	LCS	12/11/2022	Pesticide	Dicamba	n/a	=	7.75	µg/L	EPA 515.4	0.049	0.6			
2022/23-2	Lab	LCS, rec	12/11/2022	Pesticide	Dicamba	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike	12/11/2022	Pesticide	Dicamba	n/a	=	7.98	µg/L	EPA 515.4	0.049	0.6			
2022/23-2	ME-CC	matrix spike, rec	12/11/2022	Pesticide	Dicamba	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike dup	12/11/2022	Pesticide	Dicamba	n/a	=	8.11	µg/L	EPA 515.4	0.049	0.6			
2022/23-2	ME-CC	matrix spike dup, rec	12/11/2022	Pesticide	Dicamba	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike, RPD	12/11/2022	Pesticide	Dicamba	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2022/23-2	Lab	method blank	12/11/2022	Pesticide	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3			
2022/23-2	Lab	LCS	12/11/2022	Pesticide	Dichlorprop	n/a	=	7.87	µg/L	EPA 515.4	0.12	0.3			
2022/23-2	Lab	LCS, rec	12/11/2022	Pesticide	Dichlorprop	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike	12/11/2022	Pesticide	Dichlorprop	n/a	=	7.71	µg/L	EPA 515.4	0.12	0.3			
2022/23-2	ME-CC	matrix spike, rec	12/11/2022	Pesticide	Dichlorprop	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike dup	12/11/2022	Pesticide	Dichlorprop	n/a	=	7.44	µg/L	EPA 515.4	0.12	0.3			
2022/23-2	ME-CC	matrix spike dup, rec	12/11/2022	Pesticide	Dichlorprop	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike, RPD	12/11/2022	Pesticide	Dichlorprop	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Dichlorvos	n/a	=	0.0683	µg/L	EPA 625.1m	0.0009	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Dichlorvos	n/a	=	137	%	EPA 625.1m	-88	-88	39	118	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	0.01			
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Dichlorvos	n/a	=	0.0472	µg/L	EPA 625.1m	0.0009	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Dichlorvos	n/a	=	94	%	EPA 625.1m	-88	-88	52	132	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Dichlorvos	n/a	=	0.058	µg/L	EPA 625.1m	0.0009	0.01			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Dichlorvos	n/a	=	116	%	EPA 625.1m	-88	-88	52	132	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Dichlorvos	n/a	=	20	%	EPA 625.1m	-88	-88	0	30	
2022/23-2	Lab	method blank	12/27/2022	Pesticide	Dieldrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2022/23-2	Lab	LCS	12/27/2022	Pesticide	Dieldrin	n/a	=	0.0895	µg/L	EPA 608.3	0.0017	0.01			
2022/23-2	Lab	LCS, rec	12/27/2022	Pesticide	Dieldrin	n/a	=	89	%	EPA 608.3	-88	-88	58	130	
2022/23-2	Lab	LCS dup	12/27/2022	Pesticide	Dieldrin	n/a	=	0.0541	µg/L	EPA 608.3	0.0017	0.01			IL
2022/23-2	Lab	LCS dup, rec	12/27/2022	Pesticide	Dieldrin	n/a	=	54	%	EPA 608.3	-88	-88	58	130	IL
2022/23-2	Lab	LCS, RPD	12/27/2022	Pesticide	Dieldrin	n/a	=	49	%	EPA 608.3	-88	-88	0	30	IL
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Dimethoate	n/a	=	0.148	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Dimethoate	n/a	=	297	%	EPA 625.1m	-88	-88	10	200	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Dimethoate	n/a	=	3.71	µg/L	EPA 525.2	0.02	0.2			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Dimethoate	n/a	=	74	%	EPA 525.2	-88	-88	50	120	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Dimethoate	n/a	=	2.95	µg/L	EPA 525.2	0.02	0.2			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Dimethoate	n/a	=	59	%	EPA 525.2	-88	-88	50	120	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Dimethoate	n/a	=	23	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Dimethoate	n/a	=	3.21	µg/L	EPA 525.2	0.02	0.2			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Dimethoate	n/a	=	64	%	EPA 525.2	-88	-88	50	120	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Dimethoate	n/a	=	3.53	µg/L	EPA 525.2	0.02	0.2			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Dimethoate	n/a	=	71	%	EPA 525.2	-88	-88	50	120	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Dimethoate	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Dimethoate	n/a	=	0.0998	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Dimethoate	n/a	=	200	%	EPA 625.1m	-88	-88	0.1	208	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Dimethoate	n/a	=	0.158	µg/L	EPA 625.1m	0.0027	0.01			GB,IL
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Dimethoate	n/a	=	317	%	EPA 625.1m	-88	-88	0.1	208	GB,IL
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Dimethoate	n/a	=	45	%	EPA 625.1m	-88	-88	0	30	GB,IL
2022/23-2	Lab	method blank	12/11/2022	Pesticide	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4			
2022/23-2	Lab	LCS	12/11/2022	Pesticide	Dinoseb	n/a	=	4.03	µg/L	EPA 515.4	0.033	0.4			
2022/23-2	Lab	LCS, rec	12/11/2022	Pesticide	Dinoseb	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike	12/11/2022	Pesticide	Dinoseb	n/a	=	3.73	µg/L	EPA 515.4	0.033	0.4			
2022/23-2	ME-CC	matrix spike, rec	12/11/2022	Pesticide	Dinoseb	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike dup	12/11/2022	Pesticide	Dinoseb	n/a	=	4.03	µg/L	EPA 515.4	0.033	0.4			
2022/23-2	ME-CC	matrix spike dup, rec	12/11/2022	Pesticide	Dinoseb	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike, RPD	12/11/2022	Pesticide	Dinoseb	n/a	=	8	%	EPA 515.4	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Diphenamid	n/a	=	5.96	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Diphenamid	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Diphenamid	n/a	=	5.62	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Diphenamid	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Diphenamid	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Diphenamid	n/a	=	5.79	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Diphenamid	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Diphenamid	n/a	=	6.35	µg/L	EPA 525.2	0.03	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Diphenamid	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Diphenamid	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Disulfoton	n/a	=	0.0538	µg/L	EPA 625.1m	0.0017	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Disulfoton	n/a	=	108	%	EPA 625.1m	-88	-88	65	121	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01			
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Disulfoton	n/a	=	4.96	µg/L	EPA 525.2	0.015	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Disulfoton	n/a	=	99	%	EPA 525.2	-88	-88	50	120	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Disulfoton	n/a	=	5.1	µg/L	EPA 525.2	0.015	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Disulfoton	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Disulfoton	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Disulfoton	n/a	=	4.28	µg/L	EPA 525.2	0.015	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Disulfoton	n/a	=	86	%	EPA 525.2	-88	-88	50	120	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Disulfoton	n/a	=	4.67	µg/L	EPA 525.2	0.015	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Disulfoton	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Disulfoton	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Disulfoton	n/a	=	0.0486	µg/L	EPA 625.1m	0.0017	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Disulfoton	n/a	=	97	%	EPA 625.1m	-88	-88	33	172	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Disulfoton	n/a	=	0.0507	µg/L	EPA 625.1m	0.0017	0.01			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Disulfoton	n/a	=	101	%	EPA 625.1m	-88	-88	33	172	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Disulfoton	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	
2022/23-2	Lab	method blank	12/27/2022	Pesticide	Endosulfan I	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.02			
2022/23-2	Lab	LCS	12/27/2022	Pesticide	Endosulfan I	n/a	=	0.0798	µg/L	EPA 608.3	0.0019	0.02			
2022/23-2	Lab	LCS, rec	12/27/2022	Pesticide	Endosulfan I	n/a	=	80	%	EPA 608.3	-88	-88	57	141	
2022/23-2	Lab	LCS dup	12/27/2022	Pesticide	Endosulfan I	n/a	=	0.0479	µg/L	EPA 608.3	0.0019	0.02			IL
2022/23-2	Lab	LCS dup, rec	12/27/2022	Pesticide	Endosulfan I	n/a	=	48	%	EPA 608.3	-88	-88	57	141	IL
2022/23-2	Lab	LCS, RPD	12/27/2022	Pesticide	Endosulfan I	n/a	=	50	%	EPA 608.3	-88	-88	0	30	IL
2022/23-2	Lab	method blank	12/27/2022	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2022/23-2	Lab	LCS	12/27/2022	Pesticide	Endosulfan II	n/a	=	0.102	µg/L	EPA 608.3	0.0019	0.01			
2022/23-2	Lab	LCS, rec	12/27/2022	Pesticide	Endosulfan II	n/a	=	102	%	EPA 608.3	-88	-88	22	171	
2022/23-2	Lab	LCS dup	12/27/2022	Pesticide	Endosulfan II	n/a	=	0.0611	µg/L	EPA 608.3	0.0019	0.01			IL
2022/23-2	Lab	LCS dup, rec	12/27/2022	Pesticide	Endosulfan II	n/a	=	61	%	EPA 608.3	-88	-88	22	171	IL
2022/23-2	Lab	LCS, RPD	12/27/2022	Pesticide	Endosulfan II	n/a	=	50	%	EPA 608.3	-88	-88	0	30	IL
2022/23-2	Lab	method blank	12/27/2022	Pesticide	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05			
2022/23-2	Lab	LCS	12/27/2022	Pesticide	Endosulfan sulfate	n/a	=	0.0861	µg/L	EPA 608.3	0.0013	0.05			
2022/23-2	Lab	LCS, rec	12/27/2022	Pesticide	Endosulfan sulfate	n/a	=	86	%	EPA 608.3	-88	-88	38	132	
2022/23-2	Lab	LCS dup	12/27/2022	Pesticide	Endosulfan sulfate	n/a	=	0.0522	µg/L	EPA 608.3	0.0013	0.05			IL
2022/23-2	Lab	LCS dup, rec	12/27/2022	Pesticide	Endosulfan sulfate	n/a	=	52	%	EPA 608.3	-88	-88	38	132	IL
2022/23-2	Lab	LCS, RPD	12/27/2022	Pesticide	Endosulfan sulfate	n/a	=	49	%	EPA 608.3	-88	-88	0	30	IL
2022/23-2	Lab	method blank	12/27/2022	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2022/23-2	Lab	LCS	12/27/2022	Pesticide	Endrin	n/a	=	0.0981	µg/L	EPA 608.3	0.0017	0.01			
2022/23-2	Lab	LCS, rec	12/27/2022	Pesticide	Endrin	n/a	=	98	%	EPA 608.3	-88	-88	51	130	
2022/23-2	Lab	LCS dup	12/27/2022	Pesticide	Endrin	n/a	=	0.0599	µg/L	EPA 608.3	0.0017	0.01			IL
2022/23-2	Lab	LCS dup, rec	12/27/2022	Pesticide	Endrin	n/a	=	60	%	EPA 608.3	-88	-88	51	130	IL
2022/23-2	Lab	LCS, RPD	12/27/2022	Pesticide	Endrin	n/a	=	48	%	EPA 608.3	-88	-88	0	30	IL
2022/23-2	Lab	method blank	12/27/2022	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	LCS	12/27/2022	Pesticide	Endrin aldehyde	n/a	=	0.102	µg/L	EPA 608.3	0.0019	0.01			
2022/23-2	Lab	LCS, rec	12/27/2022	Pesticide	Endrin aldehyde	n/a	=	102	%	EPA 608.3	-88	-88	18	130	
2022/23-2	Lab	LCS dup	12/27/2022	Pesticide	Endrin aldehyde	n/a	=	0.0613	µg/L	EPA 608.3	0.0019	0.01			IL
2022/23-2	Lab	LCS dup, rec	12/27/2022	Pesticide	Endrin aldehyde	n/a	=	61	%	EPA 608.3	-88	-88	18	130	IL
2022/23-2	Lab	LCS, RPD	12/27/2022	Pesticide	Endrin aldehyde	n/a	=	50	%	EPA 608.3	-88	-88	0	30	IL
2022/23-2	Lab	method blank	12/17/2022	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	EPTC	n/a	=	5.35	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	EPTC	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	EPTC	n/a	=	5.48	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	EPTC	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	EPTC	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	EPTC	n/a	=	5.48	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	EPTC	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	EPTC	n/a	=	5.85	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	EPTC	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	EPTC	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Ethoprop	n/a	=	0.0535	µg/L	EPA 625.1m	0.0006	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Ethoprop	n/a	=	107	%	EPA 625.1m	-88	-88	76	165	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01			
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Ethoprop	n/a	=	0.0464	µg/L	EPA 625.1m	0.0006	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Ethoprop	n/a	=	93	%	EPA 625.1m	-88	-88	50	150	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Ethoprop	n/a	=	0.0495	µg/L	EPA 625.1m	0.0006	0.01			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Ethoprop	n/a	=	99	%	EPA 625.1m	-88	-88	50	150	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Ethoprop	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Ethyl parathion	n/a	=	0.0683	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Ethyl parathion	n/a	=	137	%	EPA 625.1m	-88	-88	61	139	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Ethyl parathion	n/a	=	0.0599	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Ethyl parathion	n/a	=	120	%	EPA 625.1m	-88	-88	26	201	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Ethyl parathion	n/a	=	0.0615	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Ethyl parathion	n/a	=	123	%	EPA 625.1m	-88	-88	26	201	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Ethyl parathion	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Fensulfothion	n/a	=	0.0945	µg/L	EPA 625.1m	0.0029	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Fensulfothion	n/a	=	189	%	EPA 625.1m	-88	-88	10	200	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Fensulfothion	n/a	=	0.0812	µg/L	EPA 625.1m	0.0029	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Fensulfothion	n/a	=	162	%	EPA 625.1m	-88	-88	0.1	231	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Fensulfothion	n/a	=	0.11	µg/L	EPA 625.1m	0.0029	0.01			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Fensulfothion	n/a	=	220	%	EPA 625.1m	-88	-88	0.1	231	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Fensulfothion	n/a	=	30	%	EPA 625.1m	-88	-88	0	30	
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Fenthion	n/a	=	0.0501	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Fenthion	n/a	=	100	%	EPA 625.1m	-88	-88	77	165	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Fenthion	n/a	=	0.0471	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Fenthion	n/a	=	94	%	EPA 625.1m	-88	-88	27	164	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Fenthion	n/a	=	0.0463	µg/L	EPA 625.1m	0.0021	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Fenthion	n/a	=	93	%	EPA 625.1m	-88	-88	27	164	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Fenthion	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2022/23-2	Lab	method blank	12/27/2022	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.02			
2022/23-2	Lab	LCS	12/27/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	0.099	µg/L	EPA 608.3	0.0015	0.02			
2022/23-2	Lab	LCS, rec	12/27/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	99	%	EPA 608.3	-88	-88	43	130	
2022/23-2	Lab	LCS dup	12/27/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	0.063	µg/L	EPA 608.3	0.0015	0.02			IL
2022/23-2	Lab	LCS dup, rec	12/27/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	63	%	EPA 608.3	-88	-88	43	130	IL
2022/23-2	Lab	LCS, RPD	12/27/2022	Pesticide	gamma-BHC (Lindane)	n/a	=	44	%	EPA 608.3	-88	-88	0	30	IL
2022/23-2	Lab	method blank	12/27/2022	Pesticide	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2022/23-2	Lab	LCS	12/27/2022	Pesticide	gamma-Chlordane	n/a	=	0.0987	µg/L	EPA 608.3	0.0023	0.01			
2022/23-2	Lab	LCS, rec	12/27/2022	Pesticide	gamma-Chlordane	n/a	=	99	%	EPA 608.3	-88	-88	49	106	
2022/23-2	Lab	LCS dup	12/27/2022	Pesticide	gamma-Chlordane	n/a	=	0.0599	µg/L	EPA 608.3	0.0023	0.01			IL
2022/23-2	Lab	LCS dup, rec	12/27/2022	Pesticide	gamma-Chlordane	n/a	=	60	%	EPA 608.3	-88	-88	49	106	IL
2022/23-2	Lab	LCS, RPD	12/27/2022	Pesticide	gamma-Chlordane	n/a	=	49	%	EPA 608.3	-88	-88	0	30	IL
2022/23-2	000NONPJ	matrix spike	12/6/2022	Pesticide	Glyphosate	n/a	=	29	µg/L	EPA 547	1.8	5			
2022/23-2	000NONPJ	matrix spike, rec	12/6/2022	Pesticide	Glyphosate	n/a	=	116	%	EPA 547	-88	-88	41	149	
2022/23-2	000NONPJ	matrix spike dup	12/6/2022	Pesticide	Glyphosate	n/a	=	30.3	µg/L	EPA 547	1.8	5			
2022/23-2	000NONPJ	matrix spike dup, rec	12/6/2022	Pesticide	Glyphosate	n/a	=	121	%	EPA 547	-88	-88	41	149	
2022/23-2	000NONPJ	matrix spike, RPD	12/6/2022	Pesticide	Glyphosate	n/a	=	5	%	EPA 547	-88	-88	0	30	
2022/23-2	000NONPJ	matrix spike	12/6/2022	Pesticide	Glyphosate	n/a	DNQ	2.11	µg/L	EPA 547	1.8	5			GB
2022/23-2	000NONPJ	matrix spike, rec	12/6/2022	Pesticide	Glyphosate	n/a	=	8	%	EPA 547	-88	-88	41	149	GB
2022/23-2	000NONPJ	matrix spike dup	12/6/2022	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			GB,IL
2022/23-2	000NONPJ	matrix spike dup, rec	12/6/2022	Pesticide	Glyphosate	n/a	=	0	%	EPA 547	-88	-88	41	149	GB,IL
2022/23-2	000NONPJ	matrix spike, RPD	12/6/2022	Pesticide	Glyphosate	n/a	=	200	%	EPA 547	-88	-88	0	30	GB,IL
2022/23-2	Lab	method blank	12/6/2022	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2022/23-2	Lab	LCS	12/6/2022	Pesticide	Glyphosate	n/a	=	26.9	µg/L	EPA 547	1.8	5			
2022/23-2	Lab	LCS, rec	12/6/2022	Pesticide	Glyphosate	n/a	=	107	%	EPA 547	-88	-88	70	130	
2022/23-2	Lab	method blank	12/27/2022	Pesticide	Heptachlor	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2022/23-2	Lab	LCS	12/27/2022	Pesticide	Heptachlor	n/a	=	0.0989	µg/L	EPA 608.3	0.0023	0.01			
2022/23-2	Lab	LCS, rec	12/27/2022	Pesticide	Heptachlor	n/a	=	99	%	EPA 608.3	-88	-88	43	130	
2022/23-2	Lab	LCS dup	12/27/2022	Pesticide	Heptachlor	n/a	=	0.0591	µg/L	EPA 608.3	0.0023	0.01			IL
2022/23-2	Lab	LCS dup, rec	12/27/2022	Pesticide	Heptachlor	n/a	=	59	%	EPA 608.3	-88	-88	43	130	IL
2022/23-2	Lab	LCS, RPD	12/27/2022	Pesticide	Heptachlor	n/a	=	50	%	EPA 608.3	-88	-88	0	30	IL
2022/23-2	Lab	method blank	12/27/2022	Pesticide	Heptachlor epoxide	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.01			
2022/23-2	Lab	LCS	12/27/2022	Pesticide	Heptachlor epoxide	n/a	=	0.0982	µg/L	EPA 608.3	0.0018	0.01			
2022/23-2	Lab	LCS, rec	12/27/2022	Pesticide	Heptachlor epoxide	n/a	=	98	%	EPA 608.3	-88	-88	57	132	
2022/23-2	Lab	LCS dup	12/27/2022	Pesticide	Heptachlor epoxide	n/a	=	0.0585	µg/L	EPA 608.3	0.0018	0.01			IL
2022/23-2	Lab	LCS dup, rec	12/27/2022	Pesticide	Heptachlor epoxide	n/a	=	58	%	EPA 608.3	-88	-88	57	132	IL
2022/23-2	Lab	LCS, RPD	12/27/2022	Pesticide	Heptachlor epoxide	n/a	=	51	%	EPA 608.3	-88	-88	0	30	IL
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Malathion	n/a	=	0.0602	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Malathion	n/a	=	120	%	EPA 625.1m	-88	-88	59	200	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Malathion	n/a	=	0.0873	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Malathion	n/a	=	126	%	EPA 625.1m	-88	-88	15	161	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Malathion	n/a	=	0.09	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Malathion	n/a	=	132	%	EPA 625.1m	-88	-88	15	161	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Malathion	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Merphos	n/a	=	0.0599	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Merphos	n/a	=	120	%	EPA 625.1m	-88	-88	32	200	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Merphos	n/a	=	0.0605	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Merphos	n/a	=	121	%	EPA 625.1m	-88	-88	4	191	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Merphos	n/a	=	0.0614	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Merphos	n/a	=	123	%	EPA 625.1m	-88	-88	4	191	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Merphos	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Methyl parathion	n/a	=	0.0606	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Methyl parathion	n/a	=	121	%	EPA 625.1m	-88	-88	64	154	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Methyl parathion	n/a	=	0.0565	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Methyl parathion	n/a	=	113	%	EPA 625.1m	-88	-88	10	213	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Methyl parathion	n/a	=	0.057	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Methyl parathion	n/a	=	114	%	EPA 625.1m	-88	-88	10	213	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Methyl parathion	n/a	=	1	%	EPA 625.1m	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Metolachlor	n/a	=	5.53	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Metolachlor	n/a	=	111	%	EPA 525.2	-88	-88	60	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Metolachlor	n/a	=	5.42	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Metolachlor	n/a	=	108	%	EPA 525.2	-88	-88	60	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Metolachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Metolachlor	n/a	=	5.11	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Metolachlor	n/a	=	102	%	EPA 525.2	-88	-88	60	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Metolachlor	n/a	=	5.44	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Metolachlor	n/a	=	109	%	EPA 525.2	-88	-88	60	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Metolachlor	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Metribuzin	n/a	=	4.79	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Metribuzin	n/a	=	96	%	EPA 525.2	-88	-88	50	120	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Metribuzin	n/a	=	4.29	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Metribuzin	n/a	=	86	%	EPA 525.2	-88	-88	50	120	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Metribuzin	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Metribuzin	n/a	=	4.51	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Metribuzin	n/a	=	90	%	EPA 525.2	-88	-88	50	120	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Metribuzin	n/a	=	4.34	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Metribuzin	n/a	=	87	%	EPA 525.2	-88	-88	50	120	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Metribuzin	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Mevinphos	n/a	=	0.075	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Mevinphos	n/a	=	150	%	EPA 625.1m	-88	-88	26	177	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Mevinphos	n/a	=	0.061	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Mevinphos	n/a	=	122	%	EPA 625.1m	-88	-88	0.1	204	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Mevinphos	n/a	=	0.0729	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Mevinphos	n/a	=	146	%	EPA 625.1m	-88	-88	0.1	204	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Mevinphos	n/a	=	18	%	EPA 625.1m	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Molinate	n/a	=	5.24	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Molinate	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Molinate	n/a	=	5.23	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Molinate	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Molinate	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Molinate	n/a	=	5.15	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Molinate	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Molinate	n/a	=	5.47	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Molinate	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Molinate	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Naled	n/a	=	0.0316	µg/L	EPA 625.1m	0.0007	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Naled	n/a	=	63	%	EPA 625.1m	-88	-88	10	200	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01			
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Naled	n/a	=	0.0456	µg/L	EPA 625.1m	0.0007	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Naled	n/a	=	91	%	EPA 625.1m	-88	-88	0.1	206	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Naled	n/a	=	0.0447	µg/L	EPA 625.1m	0.0007	0.01			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Naled	n/a	=	89	%	EPA 625.1m	-88	-88	0.1	206	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Naled	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2022/23-2	Lab	method blank	12/11/2022	Pesticide	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2022/23-2	Lab	LCS	12/11/2022	Pesticide	Pentachlorophenol	n/a	=	3.86	µg/L	EPA 515.4	0.046	0.2			
2022/23-2	Lab	LCS, rec	12/11/2022	Pesticide	Pentachlorophenol	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2022/23-2	Lab	LCS dup	1/4/2023	Pesticide	Pentachlorophenol	n/a	=	16.8	µg/L	EPA 625.1	0.4	1			
2022/23-2	Lab	LCS dup, rec	1/4/2023	Pesticide	Pentachlorophenol	n/a	=	84	%	EPA 625.1	-88	-88	41	120	
2022/23-2	Lab	LCS, RPD	1/4/2023	Pesticide	Pentachlorophenol	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-2	Lab	LCS	1/4/2023	Pesticide	Pentachlorophenol	n/a	=	18	µg/L	EPA 625.1	0.4	1			
2022/23-2	Lab	LCS, rec	1/4/2023	Pesticide	Pentachlorophenol	n/a	=	90	%	EPA 625.1	-88	-88	41	120	
2022/23-2	Lab	method blank	1/4/2023	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2022/23-2	Lab	method blank	1/7/2023	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2022/23-2	Lab	LCS dup	1/7/2023	Pesticide	Pentachlorophenol	n/a	=	17.6	µg/L	EPA 8270C	0.15	1			
2022/23-2	Lab	LCS dup, rec	1/7/2023	Pesticide	Pentachlorophenol	n/a	=	88	%	EPA 8270C	-88	-88	29	106	
2022/23-2	Lab	LCS, RPD	1/7/2023	Pesticide	Pentachlorophenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	LCS	1/7/2023	Pesticide	Pentachlorophenol	n/a	=	19.5	µg/L	EPA 8270C	0.15	1			
2022/23-2	Lab	LCS, rec	1/7/2023	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 8270C	-88	-88	29	106	
2022/23-2	Lab	method blank	1/9/2023	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2022/23-2	Lab	LCS dup	1/9/2023	Pesticide	Pentachlorophenol	n/a	=	15.9	µg/L	EPA 8270C	0.15	1			
2022/23-2	Lab	LCS dup, rec	1/9/2023	Pesticide	Pentachlorophenol	n/a	=	80	%	EPA 8270C	-88	-88	29	106	
2022/23-2	Lab	LCS, RPD	1/9/2023	Pesticide	Pentachlorophenol	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2022/23-2	Lab	LCS	1/9/2023	Pesticide	Pentachlorophenol	n/a	=	18.2	µg/L	EPA 8270C	0.15	1			
2022/23-2	Lab	LCS, rec	1/9/2023	Pesticide	Pentachlorophenol	n/a	=	91	%	EPA 8270C	-88	-88	29	106	
2022/23-2	ME-CC	matrix spike	12/11/2022	Pesticide	Pentachlorophenol	n/a	=	3.6	µg/L	EPA 515.4	0.046	0.2			
2022/23-2	ME-CC	matrix spike, rec	12/11/2022	Pesticide	Pentachlorophenol	n/a	=	90	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike dup	12/11/2022	Pesticide	Pentachlorophenol	n/a	=	3.58	µg/L	EPA 515.4	0.046	0.2			
2022/23-2	ME-CC	matrix spike dup, rec	12/11/2022	Pesticide	Pentachlorophenol	n/a	=	89	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike, RPD	12/11/2022	Pesticide	Pentachlorophenol	n/a	=	0.6	%	EPA 515.4	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Phorate	n/a	=	0.0579	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Phorate	n/a	=	116	%	EPA 625.1m	-88	-88	61	135	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Phorate	n/a	=	0.0483	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Phorate	n/a	=	97	%	EPA 625.1m	-88	-88	33	172	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Phorate	n/a	=	0.0528	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Phorate	n/a	=	106	%	EPA 625.1m	-88	-88	33	172	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Phorate	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2022/23-2	Lab	method blank	12/11/2022	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6			
2022/23-2	Lab	LCS	12/11/2022	Pesticide	Picloram	n/a	=	3.85	µg/L	EPA 515.4	0.05	0.6			
2022/23-2	Lab	LCS, rec	12/11/2022	Pesticide	Picloram	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike	12/11/2022	Pesticide	Picloram	n/a	=	3.94	µg/L	EPA 515.4	0.05	0.6			
2022/23-2	ME-CC	matrix spike, rec	12/11/2022	Pesticide	Picloram	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike dup	12/11/2022	Pesticide	Picloram	n/a	=	4.23	µg/L	EPA 515.4	0.05	0.6			
2022/23-2	ME-CC	matrix spike dup, rec	12/11/2022	Pesticide	Picloram	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2022/23-2	ME-CC	matrix spike, RPD	12/11/2022	Pesticide	Picloram	n/a	=	7	%	EPA 515.4	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Prometryn	n/a	=	2.59	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Prometryn	n/a	=	52	%	EPA 525.2	-88	-88	30	120	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Prometryn	n/a	=	2.91	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Prometryn	n/a	=	58	%	EPA 525.2	-88	-88	30	120	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Prometryn	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Prometryn	n/a	=	2.37	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Prometryn	n/a	=	47	%	EPA 525.2	-88	-88	30	120	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Prometryn	n/a	=	2.39	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Prometryn	n/a	=	48	%	EPA 525.2	-88	-88	30	120	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Prometryn	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Ronnel (Fenclorpos)	n/a	=	0.0553	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Ronnel (Fenclorpos)	n/a	=	111	%	EPA 625.1m	-88	-88	63	129	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Ronnel (Fenclorpos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Ronnel (Fenclorpos)	n/a	=	0.047	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Ronnel (Fenclorpos)	n/a	=	94	%	EPA 625.1m	-88	-88	36	145	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Ronnel (Fenclorpos)	n/a	=	0.0455	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Ronnel (Fenclorpos)	n/a	=	91	%	EPA 625.1m	-88	-88	36	145	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Ronnel (Fenclorpos)	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Simazine	n/a	=	3.85	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Simazine	n/a	=	77	%	EPA 525.2	-88	-88	60	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Simazine	n/a	=	3.76	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Simazine	n/a	=	75	%	EPA 525.2	-88	-88	60	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Simazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Simazine	n/a	=	3.57	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Simazine	n/a	=	71	%	EPA 525.2	-88	-88	60	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Simazine	n/a	=	3.69	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Simazine	n/a	=	74	%	EPA 525.2	-88	-88	60	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Simazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0583	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	117	%	EPA 625.1m	-88	-88	71	184	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0579	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	116	%	EPA 625.1m	-88	-88	0.1	158	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.061	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	122	%	EPA 625.1m	-88	-88	0.1	158	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Terbacil	n/a	=	4.99	µg/L	EPA 525.2	0.09	2			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Terbacil	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Terbacil	n/a	=	4.8	µg/L	EPA 525.2	0.09	2			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Terbacil	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Terbacil	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Terbacil	n/a	=	5.07	µg/L	EPA 525.2	0.09	2			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Terbacil	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Terbacil	n/a	=	5.56	µg/L	EPA 525.2	0.09	2			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Terbacil	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Terbacil	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Thiobencarb	n/a	=	5.2	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Thiobencarb	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Thiobencarb	n/a	=	5.06	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Thiobencarb	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Thiobencarb	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Thiobencarb	n/a	=	4.84	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Thiobencarb	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Thiobencarb	n/a	=	5.04	µg/L	EPA 525.2	0.03	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Thiobencarb	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Thiobencarb	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Tokuthion	n/a	=	0.0586	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Tokuthion	n/a	=	117	%	EPA 625.1m	-88	-88	69	149	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Tokuthion	n/a	=	0.0536	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Tokuthion	n/a	=	107	%	EPA 625.1m	-88	-88	35	145	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Tokuthion	n/a	=	0.0497	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Tokuthion	n/a	=	99	%	EPA 625.1m	-88	-88	35	145	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Tokuthion	n/a	=	8	%	EPA 625.1m	-88	-88	0	30	
2022/23-2	Lab	method blank	12/27/2022	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2022/23-2	Lab	LCS	12/13/2022	Pesticide	Trichloronate	n/a	=	0.0575	µg/L	EPA 625.1m	0.0016	0.01			
2022/23-2	Lab	LCS, rec	12/13/2022	Pesticide	Trichloronate	n/a	=	115	%	EPA 625.1m	-88	-88	67	134	
2022/23-2	Lab	method blank	12/13/2022	Pesticide	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01			
2022/23-2	ME-CC	matrix spike	12/13/2022	Pesticide	Trichloronate	n/a	=	0.0503	µg/L	EPA 625.1m	0.0016	0.01			
2022/23-2	ME-CC	matrix spike, rec	12/13/2022	Pesticide	Trichloronate	n/a	=	101	%	EPA 625.1m	-88	-88	52	133	

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Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-2	ME-CC	matrix spike dup	12/13/2022	Pesticide	Trichloronate	n/a	=	0.0469	µg/L	EPA 625.1m	0.0016	0.01			
2022/23-2	ME-CC	matrix spike dup, rec	12/13/2022	Pesticide	Trichloronate	n/a	=	94	%	EPA 625.1m	-88	-88	52	133	
2022/23-2	ME-CC	matrix spike, RPD	12/13/2022	Pesticide	Trichloronate	n/a	=	7	%	EPA 625.1m	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Trithion	n/a	=	4.71	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Trithion	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Trithion	n/a	=	4.62	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Trithion	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Trithion	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-2	Lab	method blank	12/17/2022	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS	12/17/2022	Pesticide	Trithion	n/a	=	4.58	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS, rec	12/17/2022	Pesticide	Trithion	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS dup	12/17/2022	Pesticide	Trithion	n/a	=	4.85	µg/L	EPA 525.2	0.02	0.1			
2022/23-2	Lab	LCS dup, rec	12/17/2022	Pesticide	Trithion	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2022/23-2	Lab	LCS, RPD	12/17/2022	Pesticide	Trithion	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/23/2022	Anion	Chloride	n/a	=	313	mg/L	EPA 300.0	1.9	5			
2022/23-3	000NONPJ	matrix spike, rec	12/23/2022	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	76	118	
2022/23-3	000NONPJ	matrix spike dup	12/23/2022	Anion	Chloride	n/a	=	316	mg/L	EPA 300.0	1.9	5			
2022/23-3	000NONPJ	matrix spike dup, rec	12/23/2022	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	76	118	
2022/23-3	000NONPJ	matrix spike, RPD	12/23/2022	Anion	Chloride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	
2022/23-3	000NONPJ	matrix spike	12/23/2022	Anion	Chloride	n/a	=	315	mg/L	EPA 300.0	1.9	5			
2022/23-3	000NONPJ	matrix spike, rec	12/23/2022	Anion	Chloride	n/a	=	100	%	EPA 300.0	-88	-88	76	118	
2022/23-3	000NONPJ	matrix spike dup	12/23/2022	Anion	Chloride	n/a	=	316	mg/L	EPA 300.0	1.9	5			
2022/23-3	000NONPJ	matrix spike dup, rec	12/23/2022	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	76	118	
2022/23-3	000NONPJ	matrix spike, RPD	12/23/2022	Anion	Chloride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	
2022/23-3	Lab	method blank	12/22/2022	Anion	Chloride	n/a	<	0.19	mg/L	EPA 300.0	0.19	0.5			
2022/23-3	Lab	LCS	12/22/2022	Anion	Chloride	n/a	=	20.5	mg/L	EPA 300.0	0.19	0.5			
2022/23-3	Lab	LCS, rec	12/22/2022	Anion	Chloride	n/a	=	103	%	EPA 300.0	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike	12/23/2022	Anion	Fluoride	n/a	=	20.2	mg/L	EPA 300.0	0.09	1			
2022/23-3	000NONPJ	matrix spike, rec	12/23/2022	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2022/23-3	000NONPJ	matrix spike dup	12/23/2022	Anion	Fluoride	n/a	=	20.4	mg/L	EPA 300.0	0.09	1			
2022/23-3	000NONPJ	matrix spike dup, rec	12/23/2022	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2022/23-3	000NONPJ	matrix spike, RPD	12/23/2022	Anion	Fluoride	n/a	=	0.6	%	EPA 300.0	-88	-88	0	20	
2022/23-3	000NONPJ	matrix spike	12/23/2022	Anion	Fluoride	n/a	=	20.4	mg/L	EPA 300.0	0.09	1			
2022/23-3	000NONPJ	matrix spike, rec	12/23/2022	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2022/23-3	000NONPJ	matrix spike dup	12/23/2022	Anion	Fluoride	n/a	=	20.4	mg/L	EPA 300.0	0.09	1			
2022/23-3	000NONPJ	matrix spike dup, rec	12/23/2022	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2022/23-3	000NONPJ	matrix spike, RPD	12/23/2022	Anion	Fluoride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	
2022/23-3	Lab	method blank	12/22/2022	Anion	Fluoride	n/a	<	0.009	mg/L	EPA 300.0	0.009	0.1			
2022/23-3	Lab	LCS	12/22/2022	Anion	Fluoride	n/a	=	2.01	mg/L	EPA 300.0	0.009	0.1			
2022/23-3	Lab	LCS, rec	12/22/2022	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike	12/21/2022	Anion	Perchlorate	n/a	=	12.8	µg/L	EPA 314.0	0.39	2			
2022/23-3	000NONPJ	matrix spike, rec	12/21/2022	Anion	Perchlorate	n/a	=	105	%	EPA 314.0	-88	-88	80	120	
2022/23-3	000NONPJ	matrix spike dup	12/21/2022	Anion	Perchlorate	n/a	=	12.7	µg/L	EPA 314.0	0.39	2			
2022/23-3	000NONPJ	matrix spike dup, rec	12/21/2022	Anion	Perchlorate	n/a	=	104	%	EPA 314.0	-88	-88	80	120	
2022/23-3	000NONPJ	matrix spike, RPD	12/21/2022	Anion	Perchlorate	n/a	=	1	%	EPA 314.0	-88	-88	0	15	
2022/23-3	Lab	method blank	12/21/2022	Anion	Perchlorate	n/a	<	0.39	µg/L	EPA 314.0	0.39	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	
2022/23-3	Lab	LCS	12/21/2022	Anion	Perchlorate	n/a	=	10.1	µg/L	EPA 314.0	0.39	2			
2022/23-3	Lab	LCS, rec	12/21/2022	Anion	Perchlorate	n/a	=	101	%	EPA 314.0	-88	-88	85	115	
2022/23-3	Lab	method blank	12/12/2022	Bacteriological	E. Coli	n/a	<	1	MPN/100 mL	SM 9223 B	-88	1			
2022/23-3	Lab	method blank	12/12/2022	Bacteriological	Total Coliform	n/a	<	1	MPN/100 mL	SM 9223 B	-88	1			
2022/23-3	000NONPJ	matrix spike	12/29/2022	Cation	Calcium	Total	=	68.2	mg/L	EPA 200.7	0.0234	0.5			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Cation	Calcium	Total	=	69.1	mg/L	EPA 200.7	0.0234	0.5			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/29/2022	Cation	Calcium	Total	=	99.9	mg/L	EPA 200.7	0.0234	0.5			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Cation	Calcium	Total	=	100	mg/L	EPA 200.7	0.0234	0.5			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Cation	Calcium	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	1/3/2023	Cation	Calcium	Total	=	67.2	mg/L	EPA 200.7	0.0234	0.5			
2022/23-3	000NONPJ	matrix spike, rec	1/3/2023	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	1/3/2023	Cation	Calcium	Total	=	67.3	mg/L	EPA 200.7	0.0234	0.5			
2022/23-3	000NONPJ	matrix spike dup, rec	1/3/2023	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	1/3/2023	Cation	Calcium	Total	=	0.1	%	EPA 200.7	-88	-88	0	30	
2022/23-3	Lab	method blank	12/29/2022	Cation	Calcium	Total	<	0.0234	mg/L	EPA 200.7	0.0234	0.5			
2022/23-3	Lab	LCS	12/29/2022	Cation	Calcium	Total	=	50	mg/L	EPA 200.7	0.0234	0.5			
2022/23-3	Lab	LCS, rec	12/29/2022	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2022/23-3	Lab	method blank	1/3/2023	Cation	Calcium	Total	<	0.0234	mg/L	EPA 200.7	0.0234	0.5			
2022/23-3	Lab	LCS	1/3/2023	Cation	Calcium	Total	=	49.3	mg/L	EPA 200.7	0.0234	0.5			
2022/23-3	Lab	LCS, rec	1/3/2023	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/29/2022	Cation	Magnesium	Total	=	60.1	mg/L	EPA 200.7	0.039	0.5			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Cation	Magnesium	Total	=	61	mg/L	EPA 200.7	0.039	0.5			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/29/2022	Cation	Magnesium	Total	=	50.2	mg/L	EPA 200.7	0.039	0.5			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Cation	Magnesium	Total	=	50.3	mg/L	EPA 200.7	0.039	0.5			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Cation	Magnesium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2022/23-3	Lab	method blank	12/29/2022	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2022/23-3	Lab	LCS	12/29/2022	Cation	Magnesium	Total	=	48.9	mg/L	EPA 200.7	0.039	0.5			
2022/23-3	Lab	LCS, rec	12/29/2022	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2022/23-3	000NONPJ	lab duplicate	12/16/2022	Conventional	Alkalinity as CaCO3	n/a	=	175	mg/L	SM 2320 B	1.9	5		15	
2022/23-3	Lab	method blank	12/16/2022	Conventional	Alkalinity as CaCO3	n/a	<	1.9	mg/L	SM 2320 B	1.9	5			
2022/23-3	Lab	LCS	12/16/2022	Conventional	Alkalinity as CaCO3	n/a	=	243	mg/L	SM 2320 B	1.9	5			
2022/23-3	Lab	LCS, rec	12/16/2022	Conventional	Alkalinity as CaCO3	n/a	=	97	%	SM 2320 B	-88	-88	94	108	
2022/23-3	000NONPJ	lab duplicate	12/17/2022	Conventional	BOD	n/a	=	9.22	mg/L	SM 5210 B	2	2		20	
2022/23-3	Lab	method blank	12/17/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-3	Lab	method blank	12/17/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-3	Lab	method blank	12/17/2022	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-3	Lab	LCS	12/17/2022	Conventional	BOD	n/a	=	168	mg/L	SM 5210 B	2	2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	LCS, rec	12/17/2022	Conventional	BOD	n/a	=	85	%	SM 5210 B	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/22/2022	Conventional	COD	n/a	=	2510	mg/L	EPA 410.4	12	20			
2022/23-3	000NONPJ	matrix spike dup	12/22/2022	Conventional	COD	n/a	=	2230	mg/L	EPA 410.4	12	20			
2022/23-3	000NONPJ	matrix spike dup, rec	12/22/2022	Conventional	COD	n/a	=	93	%	EPA 410.4	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike, rec	12/22/2022	Conventional	COD	n/a	=	108	%	EPA 410.4	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike, RPD	12/22/2022	Conventional	COD	n/a	=	12	%	EPA 410.4	-88	-88	0	15	
2022/23-3	000NONPJ	lab duplicate	12/22/2022	Conventional	COD	n/a	=	1470	mg/L	EPA 410.4	5.8	10		15	
2022/23-3	000NONPJ	matrix spike	12/22/2022	Conventional	COD	n/a	=	221	mg/L	EPA 410.4	12	20			
2022/23-3	000NONPJ	matrix spike dup	12/22/2022	Conventional	COD	n/a	=	228	mg/L	EPA 410.4	12	20			
2022/23-3	000NONPJ	matrix spike dup, rec	12/22/2022	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike, rec	12/22/2022	Conventional	COD	n/a	=	94	%	EPA 410.4	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike, RPD	12/22/2022	Conventional	COD	n/a	=	3	%	EPA 410.4	-88	-88	0	15	
2022/23-3	Lab	LCS	12/22/2022	Conventional	COD	n/a	=	1020	mg/L	EPA 410.4	2.9	5			
2022/23-3	Lab	LCS, rec	12/22/2022	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2022/23-3	Lab	method blank	12/22/2022	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2022/23-3	000NONPJ	matrix spike	12/14/2022	Conventional	Cyanide	Total	=	0.0472	mg/L	ASTM D7511	0.0006	0.002			
2022/23-3	000NONPJ	matrix spike, rec	12/14/2022	Conventional	Cyanide	Total	=	93	%	ASTM D7511	-88	-88	64	136	
2022/23-3	000NONPJ	matrix spike dup	12/14/2022	Conventional	Cyanide	Total	=	0.0496	mg/L	ASTM D7511	0.0006	0.002			
2022/23-3	000NONPJ	matrix spike dup, rec	12/14/2022	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	64	136	
2022/23-3	000NONPJ	matrix spike, RPD	12/14/2022	Conventional	Cyanide	Total	=	5	%	ASTM D7511	-88	-88	0	47	
2022/23-3	000NONPJ	matrix spike	12/14/2022	Conventional	Cyanide	Total	=	0.0609	mg/L	ASTM D7511	0.0006	0.002			
2022/23-3	000NONPJ	matrix spike, rec	12/14/2022	Conventional	Cyanide	Total	=	95	%	ASTM D7511	-88	-88	64	136	
2022/23-3	000NONPJ	matrix spike dup	12/14/2022	Conventional	Cyanide	Total	=	0.0639	mg/L	ASTM D7511	0.0006	0.002			
2022/23-3	000NONPJ	matrix spike dup, rec	12/14/2022	Conventional	Cyanide	Total	=	101	%	ASTM D7511	-88	-88	64	136	
2022/23-3	000NONPJ	matrix spike, RPD	12/14/2022	Conventional	Cyanide	Total	=	5	%	ASTM D7511	-88	-88	0	47	
2022/23-3	Lab	LCS	12/14/2022	Conventional	Cyanide	Total	=	0.0525	mg/L	ASTM D7511	0.0006	0.002			
2022/23-3	Lab	LCS, rec	12/14/2022	Conventional	Cyanide	Total	=	105	%	ASTM D7511	-88	-88	84	116	
2022/23-3	Lab	method blank	12/14/2022	Conventional	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002			
2022/23-3	Lab	method blank	12/14/2022	Conventional	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002			
2022/23-3	Lab	LCS	12/14/2022	Conventional	Cyanide	Total	=	0.0504	mg/L	ASTM D7511	0.0006	0.002			
2022/23-3	Lab	LCS, rec	12/14/2022	Conventional	Cyanide	Total	=	101	%	ASTM D7511	-88	-88	84	116	
2022/23-3	000NONPJ	matrix spike	12/12/2022	Conventional	MBAS	n/a	=	0.334	mg/L	SM 5540 C	0.023	0.05			
2022/23-3	000NONPJ	matrix spike dup	12/12/2022	Conventional	MBAS	n/a	=	0.333	mg/L	SM 5540 C	0.023	0.05			
2022/23-3	000NONPJ	matrix spike dup, rec	12/12/2022	Conventional	MBAS	n/a	=	92	%	SM 5540 C	-88	-88	74	123	
2022/23-3	000NONPJ	matrix spike, rec	12/12/2022	Conventional	MBAS	n/a	=	92	%	SM 5540 C	-88	-88	74	123	
2022/23-3	000NONPJ	matrix spike, RPD	12/12/2022	Conventional	MBAS	n/a	=	0.3	%	SM 5540 C	-88	-88	0	20	
2022/23-3	Lab	method blank	12/12/2022	Conventional	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05			
2022/23-3	Lab	LCS	12/12/2022	Conventional	MBAS	n/a	=	0.182	mg/L	SM 5540 C	0.023	0.05			
2022/23-3	Lab	LCS, rec	12/12/2022	Conventional	MBAS	n/a	=	91	%	SM 5540 C	-88	-88	82	115	
2022/23-3	000NONPJ	matrix spike	12/21/2022	Conventional	Phenolics	n/a	=	0.271	mg/L	EPA 420.4	0.0068	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/21/2022	Conventional	Phenolics	n/a	=	109	%	EPA 420.4	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike dup	12/21/2022	Conventional	Phenolics	n/a	=	0.274	mg/L	EPA 420.4	0.0068	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/21/2022	Conventional	Phenolics	n/a	=	110	%	EPA 420.4	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike, RPD	12/21/2022	Conventional	Phenolics	n/a	=	0.9	%	EPA 420.4	-88	-88	0	20	
2022/23-3	000NONPJ	matrix spike	12/21/2022	Conventional	Phenolics	n/a	=	0.256	mg/L	EPA 420.4	0.0068	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/21/2022	Conventional	Phenolics	n/a	=	103	%	EPA 420.4	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike dup	12/21/2022	Conventional	Phenolics	n/a	=	0.256	mg/L	EPA 420.4	0.0068	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	
2022/23-3	000NONPJ	matrix spike dup, rec	12/21/2022	Conventional	Phenolics	n/a	=	102	%	EPA 420.4	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike, RPD	12/21/2022	Conventional	Phenolics	n/a	=	0.2	%	EPA 420.4	-88	-88	0	20	
2022/23-3	Lab	method blank	12/21/2022	Conventional	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01			
2022/23-3	Lab	LCS	12/21/2022	Conventional	Phenolics	n/a	=	0.106	mg/L	EPA 420.4	0.0068	0.01			
2022/23-3	Lab	LCS, rec	12/21/2022	Conventional	Phenolics	n/a	=	106	%	EPA 420.4	-88	-88	90	110	
2022/23-3	Lab	method blank	12/21/2022	Conventional	Specific Conductance	n/a	<	1.1	µmhos/cm	SM 2510 B	1.1	2			
2022/23-3	Lab	LCS	12/21/2022	Conventional	Specific Conductance	n/a	=	451	µmhos/cm	SM 2510 B	1.1	2			
2022/23-3	Lab	LCS, rec	12/21/2022	Conventional	Specific Conductance	n/a	=	101	%	SM 2510 B	-88	-88	95	105	
2022/23-3	ME-SCR	lab duplicate	12/21/2022	Conventional	Specific Conductance	n/a	=	1690	µmhos/cm	SM 2510 B	3.2	6		5	
2022/23-3	000NONPJ	lab duplicate	12/14/2022	Conventional	Total Dissolved Solids	n/a	=	1280	mg/L	SM 2540 C	4	10		10	
2022/23-3	000NONPJ	lab duplicate	12/14/2022	Conventional	Total Dissolved Solids	n/a	=	1380	mg/L	SM 2540 C	4	10		10	
2022/23-3	000NONPJ	lab duplicate	12/22/2022	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10		10	
2022/23-3	Lab	LCS	12/14/2022	Conventional	Total Dissolved Solids	n/a	=	834	mg/L	SM 2540 C	4	10			
2022/23-3	Lab	LCS, rec	12/14/2022	Conventional	Total Dissolved Solids	n/a	=	101	%	SM 2540 C	-88	-88	96	102	
2022/23-3	Lab	method blank	12/14/2022	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2022/23-3	Lab	LCS	12/22/2022	Conventional	Total Dissolved Solids	n/a	=	805	mg/L	SM 2540 C	4	10			
2022/23-3	Lab	LCS, rec	12/22/2022	Conventional	Total Dissolved Solids	n/a	=	98	%	SM 2540 C	-88	-88	96	102	
2022/23-3	Lab	method blank	12/22/2022	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2022/23-3	000NONPJ	matrix spike	12/17/2022	Conventional	Total Organic Carbon	n/a	=	8.93	mg/L	SM 5310 B	0.19	0.3			GB
2022/23-3	000NONPJ	matrix spike, rec	12/17/2022	Conventional	Total Organic Carbon	n/a	=	117	%	SM 5310 B	-88	-88	76	115	GB
2022/23-3	000NONPJ	matrix spike dup	12/17/2022	Conventional	Total Organic Carbon	n/a	=	9.05	mg/L	SM 5310 B	0.19	0.3			GB
2022/23-3	000NONPJ	matrix spike dup, rec	12/17/2022	Conventional	Total Organic Carbon	n/a	=	120	%	SM 5310 B	-88	-88	76	115	GB
2022/23-3	000NONPJ	matrix spike, RPD	12/17/2022	Conventional	Total Organic Carbon	n/a	=	1	%	SM 5310 B	-88	-88	0	20	
2022/23-3	Lab	method blank	12/17/2022	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2022/23-3	Lab	LCS	12/17/2022	Conventional	Total Organic Carbon	n/a	=	0.985	mg/L	SM 5310 B	0.19	0.3			
2022/23-3	Lab	LCS, rec	12/17/2022	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 B	-88	-88	85	115	
2022/23-3	000NONPJ	lab duplicate	12/15/2022	Conventional	Total Suspended Solids	n/a	=	247	mg/L	SM 2540 D	-88	5		20	
2022/23-3	000NONPJ	lab duplicate	12/15/2022	Conventional	Total Suspended Solids	n/a	=	140	mg/L	SM 2540 D	-88	5		20	
2022/23-3	Lab	LCS	12/15/2022	Conventional	Total Suspended Solids	n/a	=	63	mg/L	SM 2540 D	-88	5			
2022/23-3	Lab	LCS, rec	12/15/2022	Conventional	Total Suspended Solids	n/a	=	107	%	SM 2540 D	-88	-88	90	110	
2022/23-3	Lab	method blank	12/15/2022	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2022/23-3	Lab	method blank	12/12/2022	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2022/23-3	Lab	LCS	12/12/2022	Conventional	Turbidity	n/a	=	10.1	NTU	EPA 180.1	0.017	0.1			
2022/23-3	Lab	LCS	12/12/2022	Conventional	Turbidity	n/a	=	1.86	NTU	EPA 180.1	0.017	0.1			
2022/23-3	Lab	LCS, rec	12/12/2022	Conventional	Turbidity	n/a	=	93	%	EPA 180.1	-88	-88	90	110	
2022/23-3	Lab	LCS, rec	12/12/2022	Conventional	Turbidity	n/a	=	101	%	EPA 180.1	-88	-88	90	110	
2022/23-3	ME-SCR	lab duplicate	12/12/2022	Conventional	Turbidity	n/a	=	14000	NTU	EPA 180.1	17	100		10	
2022/23-3	000NONPJ	lab duplicate	12/15/2022	Conventional	Volatile Suspended Solids	n/a	=	66	mg/L	EPA 160.4	3.1	5		15	
2022/23-3	000NONPJ	lab duplicate	12/15/2022	Conventional	Volatile Suspended Solids	n/a	=	40	mg/L	EPA 160.4	3.1	5		15	
2022/23-3	Lab	LCS	12/15/2022	Conventional	Volatile Suspended Solids	n/a	=	45	mg/L	EPA 160.4	0.093	0.15			
2022/23-3	Lab	LCS, rec	12/15/2022	Conventional	Volatile Suspended Solids	n/a	=	108	%	EPA 160.4	-88	-88	90	110	
2022/23-3	Lab	method blank	12/15/2022	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2022/23-3	Lab	method blank	1/9/2023	Hydrocarbon	Diesel Range Organics	n/a	<	0.072	mg/L	EPA 8015B	0.072	0.1			
2022/23-3	Lab	LCS dup	1/9/2023	Hydrocarbon	Diesel Range Organics	n/a	DNQ	0.0987	mg/L	EPA 8015B	0.072	0.1			EUM,JA
2022/23-3	Lab	LCS dup, rec	1/9/2023	Hydrocarbon	Diesel Range Organics	n/a	=	20	%	EPA 8015B	-88	-88	70	130	EUM,JA
2022/23-3	Lab	LCS, RPD	1/9/2023	Hydrocarbon	Diesel Range Organics	n/a	=	119	%	EPA 8015B	-88	-88	0	25	IL
2022/23-3	Lab	LCS	1/9/2023	Hydrocarbon	Diesel Range Organics	n/a	=	0.391	mg/L	EPA 8015B	0.072	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	
2022/23-3	Lab	LCS, rec	1/9/2023	Hydrocarbon	Diesel Range Organics	n/a	=	78	%	EPA 8015B	-88	-88	70	130	
2022/23-3	Lab	LCS	12/12/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	0.981	mg/L	EPA 8260B	0.065	0.1			
2022/23-3	Lab	LCS, rec	12/12/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	98	%	EPA 8260B	-88	-88	53	136	
2022/23-3	Lab	LCS dup	12/12/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	1.02	mg/L	EPA 8260B	0.065	0.1			
2022/23-3	Lab	LCS dup, rec	12/12/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	102	%	EPA 8260B	-88	-88	53	136	
2022/23-3	Lab	LCS, RPD	12/12/2022	Hydrocarbon	Gasoline Range Organics	n/a	=	4	%	EPA 8260B	-88	-88	0	25	
2022/23-3	Lab	method blank	12/12/2022	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1			
2022/23-3	Lab	srgt method blank	1/9/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.295	mg/L	EPA 8015B	-88	-88			
2022/23-3	Lab	srgt method blank, rec	1/9/2023	Hydrocarbon	n-Tetracosane	n/a	=	118	%	EPA 8015B	-88	-88	64	155	
2022/23-3	Lab	srgt LCS dup	1/9/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.0696	mg/L	EPA 8015B	-88	-88			GN,JA
2022/23-3	Lab	srgt LCS dup, rec	1/9/2023	Hydrocarbon	n-Tetracosane	n/a	=	28	%	EPA 8015B	-88	-88	64	155	GN,JA
2022/23-3	Lab	srgt LCS	1/9/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.366	mg/L	EPA 8015B	-88	-88			
2022/23-3	Lab	srgt LCS, rec	1/9/2023	Hydrocarbon	n-Tetracosane	n/a	=	146	%	EPA 8015B	-88	-88	64	155	
2022/23-3	ME-SCR	srgt environ	1/9/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.304	mg/L	EPA 8015B	-88	-88			
2022/23-3	ME-SCR	srgt environ, rec	1/9/2023	Hydrocarbon	n-Tetracosane	n/a	=	122	%	EPA 8015B	-88	-88	64	155	
2022/23-3	Lab	LCS	12/19/2022	Hydrocarbon	Oil and Grease	n/a	=	14.3	mg/L	EPA 1664B	0.6	4			
2022/23-3	Lab	LCS	12/19/2022	Hydrocarbon	Oil and Grease	n/a	DNQ	3.7	mg/L	EPA 1664B	0.6	4			
2022/23-3	Lab	LCS dup	12/19/2022	Hydrocarbon	Oil and Grease	n/a	=	14.3	mg/L	EPA 1664B	0.6	4			
2022/23-3	Lab	LCS dup, rec	12/19/2022	Hydrocarbon	Oil and Grease	n/a	=	85	%	EPA 1664B	-88	-88	78	114	
2022/23-3	Lab	LCS, rec	12/19/2022	Hydrocarbon	Oil and Grease	n/a	=	85	%	EPA 1664B	-88	-88	78	114	
2022/23-3	Lab	LCS, rec	12/19/2022	Hydrocarbon	Oil and Grease	n/a	=	92	%	EPA 1664B	-88	-88	78	114	
2022/23-3	Lab	LCS, RPD	12/19/2022	Hydrocarbon	Oil and Grease	n/a	=	0	%	EPA 1664B	-88	-88	0	18	
2022/23-3	Lab	method blank	12/19/2022	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2022/23-3	Lab	method blank	1/9/2023	Hydrocarbon	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5			
2022/23-3	Lab	method blank	12/30/2022	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-3	Lab	LCS	12/30/2022	Metal	Aluminum	Dissolved	=	52.2	µg/L	EPA 200.8	4.4	20			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Aluminum	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Aluminum	Total	=	117	µg/L	EPA 200.8	4.4	20			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Aluminum	Total	=	128	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Aluminum	Total	=	122	µg/L	EPA 200.8	4.4	20			GB
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Aluminum	Total	=	138	%	EPA 200.8	-88	-88	70	130	GB
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Aluminum	Total	=	114	µg/L	EPA 200.8	4.4	20			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Aluminum	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Aluminum	Total	=	115	µg/L	EPA 200.8	4.4	20			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Aluminum	Total	=	112	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-3	Lab	method blank	12/30/2022	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-3	Lab	LCS	12/30/2022	Metal	Aluminum	Total	=	52.2	µg/L	EPA 200.8	4.4	20			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Aluminum	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2022/23-3	Lab	method blank	12/30/2022	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-3	Lab	LCS	12/30/2022	Metal	Antimony	Dissolved	=	51	µg/L	EPA 200.8	0.089	0.5			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Antimony	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Antimony	Total	=	50.4	µg/L	EPA 200.8	0.089	0.5			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Antimony	Total	=	51.4	µg/L	EPA 200.8	0.089	0.5			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QA/QC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Antimony	Total	=	51.2	µg/L	EPA 200.8	0.089	0.5			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Antimony	Total	=	50.9	µg/L	EPA 200.8	0.089	0.5			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Antimony	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2022/23-3	Lab	method blank	12/30/2022	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-3	Lab	LCS	12/30/2022	Metal	Antimony	Total	=	51	µg/L	EPA 200.8	0.089	0.5			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-3	Lab	method blank	12/30/2022	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-3	Lab	LCS	12/30/2022	Metal	Arsenic	Dissolved	=	51.1	µg/L	EPA 200.8	0.074	0.4			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Arsenic	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Arsenic	Total	=	56.7	µg/L	EPA 200.8	0.074	0.4			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Arsenic	Total	=	58.1	µg/L	EPA 200.8	0.074	0.4			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Arsenic	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Arsenic	Total	=	57.5	µg/L	EPA 200.8	0.074	0.4			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Arsenic	Total	=	57.7	µg/L	EPA 200.8	0.074	0.4			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Arsenic	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2022/23-3	Lab	method blank	12/30/2022	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-3	Lab	LCS	12/30/2022	Metal	Arsenic	Total	=	51.1	µg/L	EPA 200.8	0.074	0.4			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Barium	Total	=	74.9	µg/L	EPA 200.8	0.14	1			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Barium	Total	=	75.5	µg/L	EPA 200.8	0.14	1			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Barium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Barium	Total	=	75.6	µg/L	EPA 200.8	0.14	1			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Barium	Total	=	75.1	µg/L	EPA 200.8	0.14	1			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Barium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Barium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2022/23-3	Lab	method blank	12/30/2022	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2022/23-3	Lab	LCS	12/30/2022	Metal	Barium	Total	=	48.9	µg/L	EPA 200.8	0.14	1			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-3	Lab	method blank	12/30/2022	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2022/23-3	Lab	LCS	12/30/2022	Metal	Beryllium	Dissolved	=	48.5	µg/L	EPA 200.8	0.062	0.1			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Beryllium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Beryllium	Total	=	48.1	µg/L	EPA 200.8	0.029	0.1			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Beryllium	Total	=	51.1	µg/L	EPA 200.8	0.029	0.1			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Beryllium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Beryllium	Total	=	6	%	EPA 200.8	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Beryllium	Total	=	49.2	µg/L	EPA 200.8	0.029	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Beryllium	Total	=	48.3	µg/L	EPA 200.8	0.029	0.1			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-3	Lab	method blank	12/30/2022	Metal	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1			
2022/23-3	Lab	LCS	12/30/2022	Metal	Beryllium	Total	=	48.5	µg/L	EPA 200.8	0.029	0.1			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-3	Lab	method blank	12/30/2022	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-3	Lab	LCS	12/30/2022	Metal	Cadmium	Dissolved	=	49.9	µg/L	EPA 200.8	0.042	0.2			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Cadmium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Cadmium	Total	=	48.9	µg/L	EPA 200.8	0.042	0.2			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Cadmium	Total	=	49.7	µg/L	EPA 200.8	0.042	0.2			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Cadmium	Total	=	48.9	µg/L	EPA 200.8	0.042	0.2			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Cadmium	Total	=	49.1	µg/L	EPA 200.8	0.042	0.2			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Cadmium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2022/23-3	Lab	method blank	12/30/2022	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-3	Lab	LCS	12/30/2022	Metal	Cadmium	Total	=	49.9	µg/L	EPA 200.8	0.042	0.2			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-3	Lab	method blank	12/30/2022	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-3	Lab	LCS	12/30/2022	Metal	Chromium	Dissolved	=	49.7	µg/L	EPA 200.8	0.089	0.2			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Chromium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Chromium	Total	=	51.2	µg/L	EPA 200.8	0.089	0.2			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Chromium	Total	=	51.7	µg/L	EPA 200.8	0.089	0.2			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Chromium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Chromium	Total	=	52.3	µg/L	EPA 200.8	0.089	0.2			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Chromium	Total	=	52.1	µg/L	EPA 200.8	0.089	0.2			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Chromium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2022/23-3	Lab	method blank	12/30/2022	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-3	Lab	LCS	12/30/2022	Metal	Chromium	Total	=	49.7	µg/L	EPA 200.8	0.089	0.2			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/12/2022	Metal	Chromium VI	n/a	=	30.2	µg/L	EPA 218.6	0.0079	0.02			
2022/23-3	000NONPJ	matrix spike, rec	12/12/2022	Metal	Chromium VI	n/a	=	93	%	EPA 218.6	-88	-88	88	112	
2022/23-3	000NONPJ	matrix spike dup	12/12/2022	Metal	Chromium VI	n/a	=	30.6	µg/L	EPA 218.6	0.0079	0.02			
2022/23-3	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2022/23-3	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	
2022/23-3	000NONPJ	matrix spike	12/12/2022	Metal	Chromium VI	n/a	=	12.5	µg/L	EPA 218.6	0.0079	0.02			
2022/23-3	000NONPJ	matrix spike, rec	12/12/2022	Metal	Chromium VI	n/a	=	94	%	EPA 218.6	-88	-88	88	112	
2022/23-3	000NONPJ	matrix spike dup	12/12/2022	Metal	Chromium VI	n/a	=	12.5	µg/L	EPA 218.6	0.0079	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	
2022/23-3	000NONPJ	matrix spike dup, rec	12/12/2022	Metal	Chromium VI	n/a	=	95	%	EPA 218.6	-88	-88	88	112	
2022/23-3	000NONPJ	matrix spike, RPD	12/12/2022	Metal	Chromium VI	n/a	=	0.2	%	EPA 218.6	-88	-88	0	10	
2022/23-3	Lab	method blank	12/12/2022	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2022/23-3	Lab	LCS	12/12/2022	Metal	Chromium VI	n/a	=	5.05	µg/L	EPA 218.6	0.0079	0.02			
2022/23-3	Lab	LCS, rec	12/12/2022	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	90	110	
2022/23-3	Lab	method blank	12/30/2022	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-3	Lab	LCS	12/30/2022	Metal	Copper	Dissolved	=	49.2	µg/L	EPA 200.8	0.23	0.5			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Copper	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Copper	Total	=	51.6	µg/L	EPA 200.8	0.23	0.5			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Copper	Total	=	51.8	µg/L	EPA 200.8	0.23	0.5			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Copper	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Copper	Total	=	53.5	µg/L	EPA 200.8	0.23	0.5			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Copper	Total	=	53.7	µg/L	EPA 200.8	0.23	0.5			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Copper	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2022/23-3	Lab	method blank	12/30/2022	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-3	Lab	LCS	12/30/2022	Metal	Copper	Total	=	49.2	µg/L	EPA 200.8	0.23	0.5			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-3	Lab	method blank	12/30/2022	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-3	Lab	LCS	12/30/2022	Metal	Iron	Dissolved	=	1120	µg/L	EPA 200.8	3.9	20			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Iron	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Iron	Total	=	1220	µg/L	EPA 200.8	3.9	20			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Iron	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Iron	Total	=	1240	µg/L	EPA 200.8	3.9	20			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Iron	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Iron	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Iron	Total	=	1180	µg/L	EPA 200.8	3.9	20			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Iron	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Iron	Total	=	1170	µg/L	EPA 200.8	3.9	20			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Iron	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Iron	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-3	Lab	method blank	12/30/2022	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-3	Lab	LCS	12/30/2022	Metal	Iron	Total	=	1120	µg/L	EPA 200.8	3.9	20			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Iron	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2022/23-3	Lab	method blank	12/30/2022	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-3	Lab	LCS	12/30/2022	Metal	Lead	Dissolved	=	49.4	µg/L	EPA 200.8	0.083	0.2			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Lead	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Lead	Total	=	48.8	µg/L	EPA 200.8	0.083	0.2			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Lead	Total	=	49.5	µg/L	EPA 200.8	0.083	0.2			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Lead	Total	=	49.3	µg/L	EPA 200.8	0.083	0.2			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Lead	Total	=	49.2	µg/L	EPA 200.8	0.083	0.2			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Lead	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2022/23-3	Lab	method blank	12/30/2022	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-3	Lab	LCS	12/30/2022	Metal	Lead	Total	=	49.4	µg/L	EPA 200.8	0.083	0.2			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/29/2022	Metal	Mercury	Dissolved	=	1020	ng/L	EPA 245.1	37	50			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Metal	Mercury	Dissolved	=	102	%	EPA 245.1	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Metal	Mercury	Dissolved	=	975	ng/L	EPA 245.1	37	50			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Metal	Mercury	Dissolved	=	98	%	EPA 245.1	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Metal	Mercury	Dissolved	=	4	%	EPA 245.1	-88	-88	0	20	
2022/23-3	000NONPJ	matrix spike	12/29/2022	Metal	Mercury	Dissolved	=	1170	ng/L	EPA 245.1	37	50			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Metal	Mercury	Dissolved	=	117	%	EPA 245.1	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Metal	Mercury	Dissolved	=	1250	ng/L	EPA 245.1	37	50			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Metal	Mercury	Dissolved	=	125	%	EPA 245.1	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Metal	Mercury	Dissolved	=	7	%	EPA 245.1	-88	-88	0	20	
2022/23-3	Lab	method blank	12/29/2022	Metal	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50			
2022/23-3	Lab	LCS	12/29/2022	Metal	Mercury	Dissolved	=	943	ng/L	EPA 245.1	37	50			
2022/23-3	Lab	LCS, rec	12/29/2022	Metal	Mercury	Dissolved	=	94	%	EPA 245.1	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/29/2022	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	37	50			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Metal	Mercury	Total	=	975	ng/L	EPA 245.1	37	50			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Metal	Mercury	Total	=	4	%	EPA 245.1	-88	-88	0	20	
2022/23-3	000NONPJ	matrix spike	12/29/2022	Metal	Mercury	Total	=	1170	ng/L	EPA 245.1	37	50			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Metal	Mercury	Total	=	117	%	EPA 245.1	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Metal	Mercury	Total	=	1250	ng/L	EPA 245.1	37	50			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Metal	Mercury	Total	=	125	%	EPA 245.1	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Metal	Mercury	Total	=	7	%	EPA 245.1	-88	-88	0	20	
2022/23-3	Lab	method blank	12/29/2022	Metal	Mercury	Total	<	37	ng/L	EPA 245.1	37	50			
2022/23-3	Lab	LCS	12/29/2022	Metal	Mercury	Total	=	943	ng/L	EPA 245.1	37	50			
2022/23-3	Lab	LCS, rec	12/29/2022	Metal	Mercury	Total	=	94	%	EPA 245.1	-88	-88	85	115	
2022/23-3	Lab	method blank	12/30/2022	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2022/23-3	Lab	LCS	12/30/2022	Metal	Nickel	Dissolved	=	49.8	µg/L	EPA 200.8	0.16	2			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Nickel	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Nickel	Total	=	49.6	µg/L	EPA 200.8	0.4	2			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Nickel	Total	=	49.7	µg/L	EPA 200.8	0.4	2			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Nickel	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Nickel	Total	=	50.4	µg/L	EPA 200.8	0.4	2			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Nickel	Total	=	49.9	µg/L	EPA 200.8	0.4	2			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-3	Lab	method blank	12/30/2022	Metal	Nickel	Total	<	0.4	µg/L	EPA 200.8	0.4	2			
2022/23-3	Lab	LCS	12/30/2022	Metal	Nickel	Total	=	49.8	µg/L	EPA 200.8	0.4	2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-3	Lab	method blank	12/30/2022	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-3	Lab	LCS	12/30/2022	Metal	Selenium	Dissolved	=	48.8	µg/L	EPA 200.8	0.067	0.4			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Selenium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Selenium	Total	=	48.2	µg/L	EPA 200.8	0.067	0.4			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Selenium	Total	=	49.5	µg/L	EPA 200.8	0.067	0.4			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Selenium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Selenium	Total	=	48.3	µg/L	EPA 200.8	0.067	0.4			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Selenium	Total	=	48.2	µg/L	EPA 200.8	0.067	0.4			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Selenium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2022/23-3	Lab	method blank	12/30/2022	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-3	Lab	LCS	12/30/2022	Metal	Selenium	Total	=	48.8	µg/L	EPA 200.8	0.067	0.4			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-3	Lab	method blank	12/30/2022	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2022/23-3	Lab	LCS	12/30/2022	Metal	Silver	Dissolved	=	48.9	µg/L	EPA 200.8	0.03	0.2			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Silver	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Silver	Total	=	47	µg/L	EPA 200.8	0.055	0.2			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Silver	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Silver	Total	=	47.6	µg/L	EPA 200.8	0.055	0.2			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Silver	Total	=	47	µg/L	EPA 200.8	0.055	0.2			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Silver	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Silver	Total	=	47.4	µg/L	EPA 200.8	0.055	0.2			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Silver	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2022/23-3	Lab	method blank	12/30/2022	Metal	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2			
2022/23-3	Lab	LCS	12/30/2022	Metal	Silver	Total	=	48.9	µg/L	EPA 200.8	0.055	0.2			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-3	Lab	method blank	12/30/2022	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-3	Lab	LCS	12/30/2022	Metal	Thallium	Dissolved	=	48.8	µg/L	EPA 200.8	0.021	0.2			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Thallium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Thallium	Total	=	47.6	µg/L	EPA 200.8	0.021	0.2			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Thallium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Thallium	Total	=	48.5	µg/L	EPA 200.8	0.021	0.2			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Thallium	Total	=	48.5	µg/L	EPA 200.8	0.021	0.2			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Thallium	Total	=	48.2	µg/L	EPA 200.8	0.021	0.2			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Thallium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Thallium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2022/23-3	Lab	method blank	12/30/2022	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	LCS	12/30/2022	Metal	Thallium	Total	=	48.8	µg/L	EPA 200.8	0.021	0.2			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-3	Lab	method blank	12/30/2022	Metal	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10			
2022/23-3	Lab	LCS	12/30/2022	Metal	Zinc	Dissolved	=	51	µg/L	EPA 200.8	0.8	10			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Zinc	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Zinc	Total	=	63.1	µg/L	EPA 200.8	1.7	10			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Zinc	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Zinc	Total	=	65.6	µg/L	EPA 200.8	1.7	10			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Zinc	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/30/2022	Metal	Zinc	Total	=	54.7	µg/L	EPA 200.8	1.7	10			
2022/23-3	000NONPJ	matrix spike, rec	12/30/2022	Metal	Zinc	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/30/2022	Metal	Zinc	Total	=	55.1	µg/L	EPA 200.8	1.7	10			
2022/23-3	000NONPJ	matrix spike dup, rec	12/30/2022	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/30/2022	Metal	Zinc	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2022/23-3	Lab	method blank	12/30/2022	Metal	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10			
2022/23-3	Lab	LCS	12/30/2022	Metal	Zinc	Total	=	51	µg/L	EPA 200.8	1.7	10			
2022/23-3	Lab	LCS, rec	12/30/2022	Metal	Zinc	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/15/2022	Nutrient	Ammonia as N	n/a	=	0.262	mg/L	EPA 350.1	0.017	0.1			
2022/23-3	000NONPJ	matrix spike, rec	12/15/2022	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike dup	12/15/2022	Nutrient	Ammonia as N	n/a	=	0.265	mg/L	EPA 350.1	0.017	0.1			
2022/23-3	000NONPJ	matrix spike dup, rec	12/15/2022	Nutrient	Ammonia as N	n/a	=	106	%	EPA 350.1	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike, RPD	12/15/2022	Nutrient	Ammonia as N	n/a	=	0.9	%	EPA 350.1	-88	-88	0	15	
2022/23-3	000NONPJ	lab duplicate	12/15/2022	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1		15	
2022/23-3	000NONPJ	matrix spike	12/15/2022	Nutrient	Ammonia as N	n/a	=	1.19	mg/L	EPA 350.1	0.017	0.1			
2022/23-3	000NONPJ	matrix spike, rec	12/15/2022	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike dup	12/15/2022	Nutrient	Ammonia as N	n/a	=	1.18	mg/L	EPA 350.1	0.017	0.1			
2022/23-3	000NONPJ	matrix spike dup, rec	12/15/2022	Nutrient	Ammonia as N	n/a	=	97	%	EPA 350.1	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike, RPD	12/15/2022	Nutrient	Ammonia as N	n/a	=	0.8	%	EPA 350.1	-88	-88	0	15	
2022/23-3	Lab	method blank	12/15/2022	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2022/23-3	Lab	LCS	12/15/2022	Nutrient	Ammonia as N	n/a	=	0.267	mg/L	EPA 350.1	0.017	0.1			
2022/23-3	Lab	LCS, rec	12/15/2022	Nutrient	Ammonia as N	n/a	=	107	%	EPA 350.1	-88	-88	90	110	
2022/23-3	Lab	method blank	12/15/2022	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2022/23-3	Lab	LCS	12/15/2022	Nutrient	Ammonia as N	n/a	=	0.263	mg/L	EPA 350.1	0.017	0.1			
2022/23-3	Lab	LCS, rec	12/15/2022	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike	12/21/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	9.08	mg/L	EPA 353.2	0.036	0.2			
2022/23-3	000NONPJ	matrix spike, rec	12/21/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	108	%	EPA 353.2	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike dup	12/21/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0.224	mg/L	EPA 353.2	0.036	0.2			GB
2022/23-3	000NONPJ	matrix spike dup, rec	12/21/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	-334	%	EPA 353.2	-88	-88	90	110	GB
2022/23-3	000NONPJ	matrix spike, RPD	12/21/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	190	%	EPA 353.2	-88	-88	0	20	IL
2022/23-3	000NONPJ	matrix spike	12/21/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	8.81	mg/L	EPA 353.2	0.036	0.2			
2022/23-3	000NONPJ	matrix spike, rec	12/21/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike dup	12/21/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	8.81	mg/L	EPA 353.2	0.036	0.2			
2022/23-3	000NONPJ	matrix spike dup, rec	12/21/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike, RPD	12/21/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2022/23-3	Lab	method blank	12/21/2022	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2022/23-3	Lab	LCS	12/21/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	1.01	mg/L	EPA 353.2	0.036	0.2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	LCS, rec	12/21/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike	12/29/2022	Nutrient	Phosphorus as P	Dissolved	=	2.39	mg/L	EPA 200.7	0.018	0.05			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Nutrient	Phosphorus as P	Dissolved	=	104	%	EPA 200.7	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Nutrient	Phosphorus as P	Dissolved	=	2.45	mg/L	EPA 200.7	0.018	0.05			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Nutrient	Phosphorus as P	Dissolved	=	107	%	EPA 200.7	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Nutrient	Phosphorus as P	Dissolved	=	2	%	EPA 200.7	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/29/2022	Nutrient	Phosphorus as P	Dissolved	=	2.15	mg/L	EPA 200.7	0.018	0.05			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Nutrient	Phosphorus as P	Dissolved	=	108	%	EPA 200.7	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Nutrient	Phosphorus as P	Dissolved	=	2.16	mg/L	EPA 200.7	0.018	0.05			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Nutrient	Phosphorus as P	Dissolved	=	108	%	EPA 200.7	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Nutrient	Phosphorus as P	Dissolved	=	0.3	%	EPA 200.7	-88	-88	0	30	
2022/23-3	Lab	method blank	12/29/2022	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2022/23-3	Lab	LCS	12/29/2022	Nutrient	Phosphorus as P	Dissolved	=	2.09	mg/L	EPA 200.7	0.018	0.05			
2022/23-3	Lab	LCS, rec	12/29/2022	Nutrient	Phosphorus as P	Dissolved	=	104	%	EPA 200.7	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/29/2022	Nutrient	Phosphorus as P	Total	=	2.39	mg/L	EPA 200.7	0.018	0.05			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Nutrient	Phosphorus as P	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Nutrient	Phosphorus as P	Total	=	2.45	mg/L	EPA 200.7	0.018	0.05			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Nutrient	Phosphorus as P	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Nutrient	Phosphorus as P	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/29/2022	Nutrient	Phosphorus as P	Total	=	2.15	mg/L	EPA 200.7	0.018	0.05			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Nutrient	Phosphorus as P	Total	=	2.16	mg/L	EPA 200.7	0.018	0.05			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Nutrient	Phosphorus as P	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2022/23-3	Lab	method blank	12/29/2022	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2022/23-3	Lab	LCS	12/29/2022	Nutrient	Phosphorus as P	Total	=	2.09	mg/L	EPA 200.7	0.018	0.05			
2022/23-3	Lab	LCS, rec	12/29/2022	Nutrient	Phosphorus as P	Total	=	104	%	EPA 200.7	-88	-88	85	115	
2022/23-3	000NONPJ	matrix spike	12/23/2022	Nutrient	TKN	n/a	=	1.26	mg/L	EPA 351.2	0.065	0.1			
2022/23-3	000NONPJ	matrix spike, rec	12/23/2022	Nutrient	TKN	n/a	=	101	%	EPA 351.2	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike dup	12/23/2022	Nutrient	TKN	n/a	=	1.31	mg/L	EPA 351.2	0.065	0.1			
2022/23-3	000NONPJ	matrix spike dup, rec	12/23/2022	Nutrient	TKN	n/a	=	106	%	EPA 351.2	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike, RPD	12/23/2022	Nutrient	TKN	n/a	=	4	%	EPA 351.2	-88	-88	0	10	
2022/23-3	000NONPJ	matrix spike	12/23/2022	Nutrient	TKN	n/a	=	1.3	mg/L	EPA 351.2	0.065	0.1			
2022/23-3	000NONPJ	matrix spike, rec	12/23/2022	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike dup	12/23/2022	Nutrient	TKN	n/a	=	1.32	mg/L	EPA 351.2	0.065	0.1			
2022/23-3	000NONPJ	matrix spike dup, rec	12/23/2022	Nutrient	TKN	n/a	=	105	%	EPA 351.2	-88	-88	90	110	
2022/23-3	000NONPJ	matrix spike, RPD	12/23/2022	Nutrient	TKN	n/a	=	1	%	EPA 351.2	-88	-88	0	10	
2022/23-3	000NONPJ	lab duplicate	12/23/2022	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2022/23-3	Lab	method blank	12/23/2022	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2022/23-3	Lab	LCS	12/23/2022	Nutrient	TKN	n/a	=	1.01	mg/L	EPA 351.2	0.065	0.1			
2022/23-3	Lab	LCS, rec	12/23/2022	Nutrient	TKN	n/a	=	101	%	EPA 351.2	-88	-88	90	110	
2022/23-3	Lab	method blank	12/23/2022	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2022/23-3	Lab	LCS	12/23/2022	Nutrient	TKN	n/a	=	1.04	mg/L	EPA 351.2	0.065	0.1			
2022/23-3	Lab	LCS, rec	12/23/2022	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88	90	110	
2022/23-3	Lab	LCS	1/19/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	14.8	µg/L	EPA 625.1	0.49	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	74	%	EPA 625.1	-88	-88	57	130	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	15.2	µg/L	EPA 625.1	0.49	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	76	%	EPA 625.1	-88	-88	57	130	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-3	Lab	LCS	1/19/2023	Organic	1,2-Dichlorobenzene	n/a	=	13.2	µg/L	EPA 625.1	0.46	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	1,2-Dichlorobenzene	n/a	=	66	%	EPA 625.1	-88	-88	57	120	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	1,2-Dichlorobenzene	n/a	=	14	µg/L	EPA 625.1	0.46	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	1,2-Dichlorobenzene	n/a	=	70	%	EPA 625.1	-88	-88	57	120	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	1,2-Dichlorobenzene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-3	Lab	method blank	1/19/2023	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2022/23-3	Lab	LCS	1/19/2023	Organic	1,3-Dichlorobenzene	n/a	=	13.1	µg/L	EPA 625.1	0.42	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	1,3-Dichlorobenzene	n/a	=	65	%	EPA 625.1	-88	-88	55	120	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	1,3-Dichlorobenzene	n/a	=	14.1	µg/L	EPA 625.1	0.42	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	1,3-Dichlorobenzene	n/a	=	70	%	EPA 625.1	-88	-88	55	120	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	1,3-Dichlorobenzene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2022/23-3	000NONPJ	srgt matrix spike	12/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.398	µg/L	EPA 625.1m	-88	-88			
2022/23-3	000NONPJ	srgt matrix spike, rec	12/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	80	%	EPA 625.1m	-88	-88	23	148	
2022/23-3	000NONPJ	srgt matrix spike dup	12/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.392	µg/L	EPA 625.1m	-88	-88			
2022/23-3	000NONPJ	srgt matrix spike dup, rec	12/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	78	%	EPA 625.1m	-88	-88	23	148	
2022/23-3	Lab	srgt LCS	12/15/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.457	µg/L	EPA 625.1m	-88	-88			
2022/23-3	Lab	srgt LCS, rec	12/15/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 625.1m	-88	-88	23	148	
2022/23-3	Lab	srgt method blank	12/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.492	µg/L	EPA 625.1m	-88	-88			
2022/23-3	Lab	srgt method blank, rec	12/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 625.1m	-88	-88	23	148	
2022/23-3	Lab	srgt method blank	12/22/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.96	µg/L	EPA 525.2	-88	-88			
2022/23-3	Lab	srgt method blank, rec	12/22/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	srgt LCS	12/22/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.15	µg/L	EPA 525.2	-88	-88			
2022/23-3	Lab	srgt LCS, rec	12/22/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	srgt LCS dup	12/22/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.43	µg/L	EPA 525.2	-88	-88			
2022/23-3	Lab	srgt LCS dup, rec	12/22/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2022/23-3	ME-SCR	srgt environ	12/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.468	µg/L	EPA 625.1m	-88	-88			
2022/23-3	ME-SCR	srgt environ, rec	12/16/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 625.1m	-88	-88	23	148	
2022/23-3	ME-SCR	srgt environ	12/22/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.86	µg/L	EPA 525.2	-88	-88			
2022/23-3	ME-SCR	srgt environ, rec	12/22/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS	1/19/2023	Organic	1,4-Dichlorobenzene	n/a	=	15.6	µg/L	EPA 625.1	0.48	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	1,4-Dichlorobenzene	n/a	=	78	%	EPA 625.1	-88	-88	55	120	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	1,4-Dichlorobenzene	n/a	=	16.6	µg/L	EPA 625.1	0.48	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	1,4-Dichlorobenzene	n/a	=	83	%	EPA 625.1	-88	-88	55	120	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	1,4-Dichlorobenzene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2022/23-3	Lab	method blank	1/13/2023	Organic	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1			
2022/23-3	Lab	method blank	1/9/2023	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2022/23-3	Lab	srgt method blank	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	24.7	µg/L	EPA 8270C	-88	-88			
2022/23-3	Lab	srgt method blank, rec	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 8270C	-88	-88	26	117	
2022/23-3	Lab	srgt LCS	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	35.9	µg/L	EPA 8270C	-88	-88			
2022/23-3	Lab	srgt LCS, rec	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	90	%	EPA 8270C	-88	-88	26	117	
2022/23-3	Lab	srgt LCS dup	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	35.3	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	srgt LCS dup, rec	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 8270C	-88	-88	26	117	
2022/23-3	Lab	srgt LCS	1/19/2023	Organic	2,4,6-Tribromophenol	n/a	=	33	µg/L	EPA 625.1	-88	-88			
2022/23-3	Lab	srgt LCS, rec	1/19/2023	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625.1	-88	-88	25	120	
2022/23-3	Lab	srgt LCS dup	1/19/2023	Organic	2,4,6-Tribromophenol	n/a	=	30	µg/L	EPA 625.1	-88	-88			
2022/23-3	Lab	srgt LCS dup, rec	1/19/2023	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625.1	-88	-88	25	120	
2022/23-3	Lab	srgt method blank	1/19/2023	Organic	2,4,6-Tribromophenol	n/a	=	21.6	µg/L	EPA 625.1	-88	-88			
2022/23-3	Lab	srgt method blank, rec	1/19/2023	Organic	2,4,6-Tribromophenol	n/a	=	54	%	EPA 625.1	-88	-88	25	120	
2022/23-3	ME-SCR	srgt environ	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	263	µg/L	EPA 8270C	-88	-88			
2022/23-3	ME-SCR	srgt environ, rec	1/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 8270C	-88	-88	26	117	
2022/23-3	ME-SCR	srgt environ	1/19/2023	Organic	2,4,6-Tribromophenol	n/a	=	259	µg/L	EPA 625.1	-88	-88			
2022/23-3	ME-SCR	srgt environ, rec	1/19/2023	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 625.1	-88	-88	25	120	
2022/23-3	Lab	method blank	1/9/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2022/23-3	Lab	LCS	1/9/2023	Organic	2,4,6-Trichlorophenol	n/a	=	16.9	µg/L	EPA 8270C	0.3	1			
2022/23-3	Lab	LCS, rec	1/9/2023	Organic	2,4,6-Trichlorophenol	n/a	=	85	%	EPA 8270C	-88	-88	30	115	
2022/23-3	Lab	LCS dup	1/9/2023	Organic	2,4,6-Trichlorophenol	n/a	=	17	µg/L	EPA 8270C	0.3	1			
2022/23-3	Lab	LCS dup, rec	1/9/2023	Organic	2,4,6-Trichlorophenol	n/a	=	85	%	EPA 8270C	-88	-88	30	115	
2022/23-3	Lab	LCS, RPD	1/9/2023	Organic	2,4,6-Trichlorophenol	n/a	=	0.6	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	LCS	1/19/2023	Organic	2,4,6-Trichlorophenol	n/a	=	16.2	µg/L	EPA 625.1	0.22	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	2,4,6-Trichlorophenol	n/a	=	81	%	EPA 625.1	-88	-88	52	129	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	2,4,6-Trichlorophenol	n/a	=	15.8	µg/L	EPA 625.1	0.22	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	2,4,6-Trichlorophenol	n/a	=	79	%	EPA 625.1	-88	-88	52	129	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	2,4,6-Trichlorophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-3	Lab	method blank	1/9/2023	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2022/23-3	Lab	LCS	1/9/2023	Organic	2,4-Dichlorophenol	n/a	=	16	µg/L	EPA 8270C	0.51	1			
2022/23-3	Lab	LCS, rec	1/9/2023	Organic	2,4-Dichlorophenol	n/a	=	80	%	EPA 8270C	-88	-88	32	105	
2022/23-3	Lab	LCS dup	1/9/2023	Organic	2,4-Dichlorophenol	n/a	=	16.1	µg/L	EPA 8270C	0.51	1			
2022/23-3	Lab	LCS dup, rec	1/9/2023	Organic	2,4-Dichlorophenol	n/a	=	80	%	EPA 8270C	-88	-88	32	105	
2022/23-3	Lab	LCS, RPD	1/9/2023	Organic	2,4-Dichlorophenol	n/a	=	0.7	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	LCS	1/19/2023	Organic	2,4-Dichlorophenol	n/a	=	15.5	µg/L	EPA 625.1	0.26	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	2,4-Dichlorophenol	n/a	=	78	%	EPA 625.1	-88	-88	53	122	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	2,4-Dichlorophenol	n/a	=	15	µg/L	EPA 625.1	0.26	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	2,4-Dichlorophenol	n/a	=	75	%	EPA 625.1	-88	-88	53	122	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	2,4-Dichlorophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-3	000NONPJ	srgt matrix spike	12/29/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.8	µg/L	EPA 515.4	-88	-88			
2022/23-3	000NONPJ	srgt matrix spike, rec	12/29/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	srgt matrix spike dup	12/29/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.4	-88	-88			
2022/23-3	000NONPJ	srgt matrix spike dup, rec	12/29/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2022/23-3	Lab	srgt method blank	12/29/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.86	µg/L	EPA 515.4	-88	-88			
2022/23-3	Lab	srgt method blank, rec	12/29/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-3	Lab	srgt LCS	12/29/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.4	-88	-88			
2022/23-3	Lab	srgt LCS, rec	12/29/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2022/23-3	ME-SCR	srgt environ	12/30/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.4	-88	-88			
2022/23-3	ME-SCR	srgt environ, rec	12/30/2022	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-3	Lab	method blank	1/9/2023	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-3	Lab	LCS	1/9/2023	Organic	2,4-Dimethylphenol	n/a	=	10.5	µg/L	EPA 8270C	1	2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	LCS, rec	1/9/2023	Organic	2,4-Dimethylphenol	n/a	=	53	%	EPA 8270C	-88	-88	31	97	
2022/23-3	Lab	LCS dup	1/9/2023	Organic	2,4-Dimethylphenol	n/a	DNQ	1.85	µg/L	EPA 8270C	1	2			EUM
2022/23-3	Lab	LCS dup, rec	1/9/2023	Organic	2,4-Dimethylphenol	n/a	=	9	%	EPA 8270C	-88	-88	31	97	EUM
2022/23-3	Lab	LCS, RPD	1/9/2023	Organic	2,4-Dimethylphenol	n/a	=	140	%	EPA 8270C	-88	-88	0	30	IL
2022/23-3	Lab	LCS	1/19/2023	Organic	2,4-Dimethylphenol	n/a	=	5.4	µg/L	EPA 625.1	0.76	1			EUM
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	2,4-Dimethylphenol	n/a	=	27	%	EPA 625.1	-88	-88	42	120	EUM
2022/23-3	Lab	LCS dup	1/19/2023	Organic	2,4-Dimethylphenol	n/a	DNQ	0.365	µg/L	EPA 625.1	0	1			EUM
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	2,4-Dimethylphenol	n/a	=	2	%	EPA 625.1	-88	-88	42	120	EUM
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	2,4-Dimethylphenol	n/a	=	175	%	EPA 625.1	-88	-88	0	30	IL
2022/23-3	Lab	method blank	1/19/2023	Organic	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1			
2022/23-3	Lab	method blank	1/9/2023	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-3	Lab	LCS	1/9/2023	Organic	2,4-Dinitrophenol	n/a	=	19.5	µg/L	EPA 8270C	1	2			
2022/23-3	Lab	LCS, rec	1/9/2023	Organic	2,4-Dinitrophenol	n/a	=	98	%	EPA 8270C	-88	-88	7	155	
2022/23-3	Lab	LCS dup	1/9/2023	Organic	2,4-Dinitrophenol	n/a	=	21	µg/L	EPA 8270C	1	2			
2022/23-3	Lab	LCS dup, rec	1/9/2023	Organic	2,4-Dinitrophenol	n/a	=	105	%	EPA 8270C	-88	-88	7	155	
2022/23-3	Lab	LCS, RPD	1/9/2023	Organic	2,4-Dinitrophenol	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	LCS	1/19/2023	Organic	2,4-Dinitrophenol	n/a	=	21.8	µg/L	EPA 625.1	1.9	5			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	2,4-Dinitrophenol	n/a	=	109	%	EPA 625.1	-88	-88	0.1	173	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	2,4-Dinitrophenol	n/a	=	22.9	µg/L	EPA 625.1	1.9	5			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	2,4-Dinitrophenol	n/a	=	115	%	EPA 625.1	-88	-88	0.1	173	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	2,4-Dinitrophenol	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	5			
2022/23-3	Lab	LCS	1/19/2023	Organic	2,4-Dinitrotoluene	n/a	=	14.3	µg/L	EPA 625.1	0.46	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	2,4-Dinitrotoluene	n/a	=	72	%	EPA 625.1	-88	-88	48	127	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	2,4-Dinitrotoluene	n/a	=	14.6	µg/L	EPA 625.1	0.46	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	2,4-Dinitrotoluene	n/a	=	73	%	EPA 625.1	-88	-88	48	127	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	2,4-Dinitrotoluene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-3	Lab	LCS	1/19/2023	Organic	2,6-Dinitrotoluene	n/a	=	15.8	µg/L	EPA 625.1	0.27	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	2,6-Dinitrotoluene	n/a	=	79	%	EPA 625.1	-88	-88	68	137	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	2,6-Dinitrotoluene	n/a	=	16.1	µg/L	EPA 625.1	0.27	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	2,6-Dinitrotoluene	n/a	=	81	%	EPA 625.1	-88	-88	68	137	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	2,6-Dinitrotoluene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-3	Lab	LCS	1/19/2023	Organic	2-Chloronaphthalene	n/a	=	14.5	µg/L	EPA 625.1	0.45	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	2-Chloronaphthalene	n/a	=	72	%	EPA 625.1	-88	-88	65	120	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	2-Chloronaphthalene	n/a	=	14.9	µg/L	EPA 625.1	0.45	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	2-Chloronaphthalene	n/a	=	74	%	EPA 625.1	-88	-88	65	120	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	2-Chloronaphthalene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2022/23-3	Lab	method blank	1/9/2023	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2022/23-3	Lab	LCS	1/9/2023	Organic	2-Chlorophenol	n/a	=	15.5	µg/L	EPA 8270C	0.65	1			
2022/23-3	Lab	LCS, rec	1/9/2023	Organic	2-Chlorophenol	n/a	=	77	%	EPA 8270C	-88	-88	27	90	
2022/23-3	Lab	LCS dup	1/9/2023	Organic	2-Chlorophenol	n/a	=	16.1	µg/L	EPA 8270C	0.65	1			
2022/23-3	Lab	LCS dup, rec	1/9/2023	Organic	2-Chlorophenol	n/a	=	81	%	EPA 8270C	-88	-88	27	90	
2022/23-3	Lab	LCS, RPD	1/9/2023	Organic	2-Chlorophenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	LCS	1/19/2023	Organic	2-Chlorophenol	n/a	=	13.8	µg/L	EPA 625.1	0.28	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	2-Chlorophenol	n/a	=	69	%	EPA 625.1	-88	-88	36	120	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	2-Chlorophenol	n/a	=	14.2	µg/L	EPA 625.1	0.28	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	2-Chlorophenol	n/a	=	71	%	EPA 625.1	-88	-88	36	120	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	2-Chlorophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2022/23-3	Lab	srgt LCS	1/13/2023	Organic	2-Fluorobiphenyl	n/a	=	18.5	µg/L	EPA 8270C	-88	-88			
2022/23-3	Lab	srgt LCS, rec	1/13/2023	Organic	2-Fluorobiphenyl	n/a	=	93	%	EPA 8270C	-88	-88	51	139	
2022/23-3	Lab	srgt LCS dup	1/13/2023	Organic	2-Fluorobiphenyl	n/a	=	19.2	µg/L	EPA 8270C	-88	-88			
2022/23-3	Lab	srgt LCS dup, rec	1/13/2023	Organic	2-Fluorobiphenyl	n/a	=	96	%	EPA 8270C	-88	-88	51	139	
2022/23-3	Lab	srgt method blank	1/13/2023	Organic	2-Fluorobiphenyl	n/a	=	16.1	µg/L	EPA 8270C	-88	-88			
2022/23-3	Lab	srgt method blank, rec	1/13/2023	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 8270C	-88	-88	51	139	
2022/23-3	Lab	srgt LCS	1/19/2023	Organic	2-Fluorobiphenyl	n/a	=	15.8	µg/L	EPA 625.1	-88	-88			
2022/23-3	Lab	srgt LCS, rec	1/19/2023	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625.1	-88	-88	22	120	
2022/23-3	Lab	srgt LCS dup	1/19/2023	Organic	2-Fluorobiphenyl	n/a	=	15.8	µg/L	EPA 625.1	-88	-88			
2022/23-3	Lab	srgt LCS dup, rec	1/19/2023	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625.1	-88	-88	22	120	
2022/23-3	Lab	srgt method blank	1/19/2023	Organic	2-Fluorobiphenyl	n/a	=	14.3	µg/L	EPA 625.1	-88	-88			
2022/23-3	Lab	srgt method blank, rec	1/19/2023	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625.1	-88	-88	22	120	
2022/23-3	ME-SCR	srgt environ	1/13/2023	Organic	2-Fluorobiphenyl	n/a	=	128	µg/L	EPA 8270C	-88	-88			
2022/23-3	ME-SCR	srgt environ, rec	1/13/2023	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 8270C	-88	-88	51	139	
2022/23-3	ME-SCR	srgt environ	1/19/2023	Organic	2-Fluorobiphenyl	n/a	=	116	µg/L	EPA 625.1	-88	-88			
2022/23-3	ME-SCR	srgt environ, rec	1/19/2023	Organic	2-Fluorobiphenyl	n/a	=	58	%	EPA 625.1	-88	-88	22	120	
2022/23-3	Lab	srgt method blank	1/9/2023	Organic	2-Fluorophenol	n/a	=	17	µg/L	EPA 8270C	-88	-88			
2022/23-3	Lab	srgt method blank, rec	1/9/2023	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270C	-88	-88	11	62	
2022/23-3	Lab	srgt LCS	1/9/2023	Organic	2-Fluorophenol	n/a	=	21.5	µg/L	EPA 8270C	-88	-88			
2022/23-3	Lab	srgt LCS, rec	1/9/2023	Organic	2-Fluorophenol	n/a	=	54	%	EPA 8270C	-88	-88	11	62	
2022/23-3	Lab	srgt LCS dup	1/9/2023	Organic	2-Fluorophenol	n/a	=	21.8	µg/L	EPA 8270C	-88	-88			
2022/23-3	Lab	srgt LCS dup, rec	1/9/2023	Organic	2-Fluorophenol	n/a	=	54	%	EPA 8270C	-88	-88	11	62	
2022/23-3	Lab	srgt LCS	1/19/2023	Organic	2-Fluorophenol	n/a	=	16.9	µg/L	EPA 625.1	-88	-88			
2022/23-3	Lab	srgt LCS, rec	1/19/2023	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625.1	-88	-88	17	120	
2022/23-3	Lab	srgt LCS dup	1/19/2023	Organic	2-Fluorophenol	n/a	=	16.1	µg/L	EPA 625.1	-88	-88			
2022/23-3	Lab	srgt LCS dup, rec	1/19/2023	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625.1	-88	-88	17	120	
2022/23-3	Lab	srgt method blank	1/19/2023	Organic	2-Fluorophenol	n/a	=	13	µg/L	EPA 625.1	-88	-88			
2022/23-3	Lab	srgt method blank, rec	1/19/2023	Organic	2-Fluorophenol	n/a	=	33	%	EPA 625.1	-88	-88	17	120	
2022/23-3	ME-SCR	srgt environ	1/9/2023	Organic	2-Fluorophenol	n/a	=	159	µg/L	EPA 8270C	-88	-88			
2022/23-3	ME-SCR	srgt environ, rec	1/9/2023	Organic	2-Fluorophenol	n/a	=	40	%	EPA 8270C	-88	-88	11	62	
2022/23-3	ME-SCR	srgt environ	1/19/2023	Organic	2-Fluorophenol	n/a	=	118	µg/L	EPA 625.1	-88	-88			
2022/23-3	ME-SCR	srgt environ, rec	1/19/2023	Organic	2-Fluorophenol	n/a	=	29	%	EPA 625.1	-88	-88	17	120	
2022/23-3	Lab	method blank	1/13/2023	Organic	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-3	Lab	method blank	1/9/2023	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2022/23-3	Lab	method blank	1/9/2023	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2022/23-3	Lab	LCS	1/9/2023	Organic	2-Nitrophenol	n/a	=	16.2	µg/L	EPA 8270C	0.71	1			
2022/23-3	Lab	LCS, rec	1/9/2023	Organic	2-Nitrophenol	n/a	=	81	%	EPA 8270C	-88	-88	33	103	
2022/23-3	Lab	LCS dup	1/9/2023	Organic	2-Nitrophenol	n/a	=	17.1	µg/L	EPA 8270C	0.71	1			
2022/23-3	Lab	LCS dup, rec	1/9/2023	Organic	2-Nitrophenol	n/a	=	85	%	EPA 8270C	-88	-88	33	103	
2022/23-3	Lab	LCS, RPD	1/9/2023	Organic	2-Nitrophenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	LCS	1/19/2023	Organic	2-Nitrophenol	n/a	=	15.4	µg/L	EPA 625.1	0.26	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	2-Nitrophenol	n/a	=	77	%	EPA 625.1	-88	-88	45	167	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	2-Nitrophenol	n/a	=	15.7	µg/L	EPA 625.1	0.26	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	2-Nitrophenol	n/a	=	79	%	EPA 625.1	-88	-88	45	167	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	2-Nitrophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-3	Lab	LCS	1/19/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	10.2	µg/L	EPA 625.1	2.5	5			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	51	%	EPA 625.1	-88	-88	8	213	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	6.99	µg/L	EPA 625.1	2.5	5			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	35	%	EPA 625.1	-88	-88	8	213	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	38	%	EPA 625.1	-88	-88	0	30	IL
2022/23-3	Lab	method blank	1/19/2023	Organic	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5			
2022/23-3	Lab	method blank	1/9/2023	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2022/23-3	Lab	method blank	1/9/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2022/23-3	Lab	LCS	1/9/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	17.3	µg/L	EPA 8270C	0.14	1			
2022/23-3	Lab	LCS, rec	1/9/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	87	%	EPA 8270C	-88	-88	33	118	
2022/23-3	Lab	LCS dup	1/9/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	18.3	µg/L	EPA 8270C	0.14	1			
2022/23-3	Lab	LCS dup, rec	1/9/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	92	%	EPA 8270C	-88	-88	33	118	
2022/23-3	Lab	LCS, RPD	1/9/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	LCS	1/19/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	16.6	µg/L	EPA 625.1	0.5	5			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	83	%	EPA 625.1	-88	-88	53	130	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	17.1	µg/L	EPA 625.1	0.5	5			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	86	%	EPA 625.1	-88	-88	53	130	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5			
2022/23-3	Lab	srgt LCS	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	49.7	µg/L	EPA 8260B	-88	-88			
2022/23-3	Lab	srgt LCS, rec	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 8260B	-88	-88	83	110	
2022/23-3	Lab	srgt LCS dup	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	49.9	µg/L	EPA 8260B	-88	-88			
2022/23-3	Lab	srgt LCS dup, rec	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2022/23-3	Lab	srgt method blank	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	50.2	µg/L	EPA 8260B	-88	-88			
2022/23-3	Lab	srgt method blank, rec	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2022/23-3	ME-SCR	srgt environ	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	50.7	µg/L	EPA 8260B	-88	-88			
2022/23-3	ME-SCR	srgt environ, rec	12/12/2022	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 8260B	-88	-88	83	110	
2022/23-3	Lab	LCS	1/19/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	15.3	µg/L	EPA 625.1	0.36	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	77	%	EPA 625.1	-88	-88	65	120	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	15.9	µg/L	EPA 625.1	0.36	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	79	%	EPA 625.1	-88	-88	65	120	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-3	Lab	method blank	1/9/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2022/23-3	Lab	LCS	1/9/2023	Organic	4-Chloro-3-methylphenol	n/a	=	16.3	µg/L	EPA 8270C	0.37	1			
2022/23-3	Lab	LCS, rec	1/9/2023	Organic	4-Chloro-3-methylphenol	n/a	=	82	%	EPA 8270C	-88	-88	29	108	
2022/23-3	Lab	LCS dup	1/9/2023	Organic	4-Chloro-3-methylphenol	n/a	=	15	µg/L	EPA 8270C	0.37	1			
2022/23-3	Lab	LCS dup, rec	1/9/2023	Organic	4-Chloro-3-methylphenol	n/a	=	75	%	EPA 8270C	-88	-88	29	108	
2022/23-3	Lab	LCS, RPD	1/9/2023	Organic	4-Chloro-3-methylphenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	LCS	1/19/2023	Organic	4-Chloro-3-methylphenol	n/a	=	13.5	µg/L	EPA 625.1	0.23	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	4-Chloro-3-methylphenol	n/a	=	68	%	EPA 625.1	-88	-88	41	128	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	4-Chloro-3-methylphenol	n/a	=	11.1	µg/L	EPA 625.1	0.23	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	4-Chloro-3-methylphenol	n/a	=	56	%	EPA 625.1	-88	-88	41	128	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	4-Chloro-3-methylphenol	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2022/23-3	Lab	LCS	1/19/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	13.3	µg/L	EPA 625.1	0.41	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	66	%	EPA 625.1	-88	-88	38	145	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	14.2	µg/L	EPA 625.1	0.41	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	71	%	EPA 625.1	-88	-88	38	145	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-3	Lab	method blank	1/9/2023	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-3	Lab	LCS	1/9/2023	Organic	4-Nitrophenol	n/a	=	6.64	µg/L	EPA 8270C	1	2			
2022/23-3	Lab	LCS, rec	1/9/2023	Organic	4-Nitrophenol	n/a	=	33	%	EPA 8270C	-88	-88	6	46	
2022/23-3	Lab	LCS dup	1/9/2023	Organic	4-Nitrophenol	n/a	=	7.16	µg/L	EPA 8270C	1	2			
2022/23-3	Lab	LCS dup, rec	1/9/2023	Organic	4-Nitrophenol	n/a	=	36	%	EPA 8270C	-88	-88	6	46	
2022/23-3	Lab	LCS, RPD	1/9/2023	Organic	4-Nitrophenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	LCS	1/19/2023	Organic	4-Nitrophenol	n/a	=	7.03	µg/L	EPA 625.1	1.2	5			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	4-Nitrophenol	n/a	=	35	%	EPA 625.1	-88	-88	13	129	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	4-Nitrophenol	n/a	=	7.1	µg/L	EPA 625.1	1.2	5			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	4-Nitrophenol	n/a	=	35	%	EPA 625.1	-88	-88	13	129	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	4-Nitrophenol	n/a	=	0.9	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2022/23-3	Lab	LCS	1/13/2023	Organic	Acenaphthene	n/a	=	17.5	µg/L	EPA 8270C	0.028	0.1			
2022/23-3	Lab	LCS, rec	1/13/2023	Organic	Acenaphthene	n/a	=	88	%	EPA 8270C	-88	-88	11	122	
2022/23-3	Lab	LCS dup	1/13/2023	Organic	Acenaphthene	n/a	=	18.4	µg/L	EPA 8270C	0.028	0.1			
2022/23-3	Lab	LCS dup, rec	1/13/2023	Organic	Acenaphthene	n/a	=	92	%	EPA 8270C	-88	-88	11	122	
2022/23-3	Lab	LCS, RPD	1/13/2023	Organic	Acenaphthene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	method blank	1/13/2023	Organic	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Acenaphthene	n/a	=	15	µg/L	EPA 625.1	0.38	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Acenaphthene	n/a	=	75	%	EPA 625.1	-88	-88	60	132	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Acenaphthene	n/a	=	15.5	µg/L	EPA 625.1	0.38	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Acenaphthene	n/a	=	78	%	EPA 625.1	-88	-88	60	132	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Acenaphthene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-3	Lab	LCS	1/13/2023	Organic	Acenaphthylene	n/a	=	18.2	µg/L	EPA 8270C	0.033	0.1			
2022/23-3	Lab	LCS, rec	1/13/2023	Organic	Acenaphthylene	n/a	=	91	%	EPA 8270C	-88	-88	4	135	
2022/23-3	Lab	LCS dup	1/13/2023	Organic	Acenaphthylene	n/a	=	19.1	µg/L	EPA 8270C	0.033	0.1			
2022/23-3	Lab	LCS dup, rec	1/13/2023	Organic	Acenaphthylene	n/a	=	95	%	EPA 8270C	-88	-88	4	135	
2022/23-3	Lab	LCS, RPD	1/13/2023	Organic	Acenaphthylene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	method blank	1/13/2023	Organic	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Acenaphthylene	n/a	=	16.4	µg/L	EPA 625.1	0.35	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Acenaphthylene	n/a	=	82	%	EPA 625.1	-88	-88	54	126	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Acenaphthylene	n/a	=	16.5	µg/L	EPA 625.1	0.35	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Acenaphthylene	n/a	=	82	%	EPA 625.1	-88	-88	54	126	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Acenaphthylene	n/a	=	0.7	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-3	Lab	LCS	1/13/2023	Organic	Anthracene	n/a	=	18.4	µg/L	EPA 8270C	0.025	0.1			
2022/23-3	Lab	LCS, rec	1/13/2023	Organic	Anthracene	n/a	=	92	%	EPA 8270C	-88	-88	22	127	
2022/23-3	Lab	LCS dup	1/13/2023	Organic	Anthracene	n/a	=	18.8	µg/L	EPA 8270C	0.025	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	
2022/23-3	Lab	LCS dup. rec	1/13/2023	Organic	Anthracene	n/a	=	94	%	EPA 8270C	-88	-88	22	127	
2022/23-3	Lab	LCS, RPD	1/13/2023	Organic	Anthracene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	method blank	1/13/2023	Organic	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Anthracene	n/a	=	15.5	µg/L	EPA 625.1	0.41	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Anthracene	n/a	=	77	%	EPA 625.1	-88	-88	43	120	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Anthracene	n/a	=	15.6	µg/L	EPA 625.1	0.41	1			
2022/23-3	Lab	LCS dup. rec	1/19/2023	Organic	Anthracene	n/a	=	78	%	EPA 625.1	-88	-88	43	120	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Anthracene	n/a	=	0.5	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-3	Lab	LCS	1/13/2023	Organic	Benz(a)anthracene	n/a	=	17.6	µg/L	EPA 8270C	0.051	0.1			
2022/23-3	Lab	LCS, rec	1/13/2023	Organic	Benz(a)anthracene	n/a	=	88	%	EPA 8270C	-88	-88	17	131	
2022/23-3	Lab	LCS dup	1/13/2023	Organic	Benz(a)anthracene	n/a	=	17.8	µg/L	EPA 8270C	0.051	0.1			
2022/23-3	Lab	LCS dup. rec	1/13/2023	Organic	Benz(a)anthracene	n/a	=	89	%	EPA 8270C	-88	-88	17	131	
2022/23-3	Lab	LCS, RPD	1/13/2023	Organic	Benz(a)anthracene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	method blank	1/13/2023	Organic	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Benz(a)anthracene	n/a	<	23.6	µg/L	EPA 625.1	0.19	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Benz(a)anthracene	n/a	=	118	%	EPA 625.1	-88	-88	42	133	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Benz(a)anthracene	n/a	=	22.9	µg/L	EPA 625.1	0.19	1			
2022/23-3	Lab	LCS dup. rec	1/19/2023	Organic	Benz(a)anthracene	n/a	=	114	%	EPA 625.1	-88	-88	42	133	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Benz(a)anthracene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-3	Lab	method blank	1/19/2023	Organic	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10			
2022/23-3	Lab	method blank	12/22/2022	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-3	Lab	LCS	12/22/2022	Organic	Benzo(a)pyrene	n/a	=	5.2	µg/L	EPA 525.2	0.02	0.1			
2022/23-3	Lab	LCS, rec	12/22/2022	Organic	Benzo(a)pyrene	n/a	=	104	%	EPA 525.2	-88	-88	60	130	
2022/23-3	Lab	LCS dup	12/22/2022	Organic	Benzo(a)pyrene	n/a	=	4.93	µg/L	EPA 525.2	0.02	0.1			
2022/23-3	Lab	LCS dup. rec	12/22/2022	Organic	Benzo(a)pyrene	n/a	=	99	%	EPA 525.2	-88	-88	60	130	
2022/23-3	Lab	LCS, RPD	12/22/2022	Organic	Benzo(a)pyrene	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2022/23-3	Lab	LCS	1/13/2023	Organic	Benzo(a)pyrene	n/a	=	15.7	µg/L	EPA 8270C	0.051	0.1			
2022/23-3	Lab	LCS, rec	1/13/2023	Organic	Benzo(a)pyrene	n/a	=	78	%	EPA 8270C	-88	-88	12	131	
2022/23-3	Lab	LCS dup	1/13/2023	Organic	Benzo(a)pyrene	n/a	=	15.7	µg/L	EPA 8270C	0.051	0.1			
2022/23-3	Lab	LCS dup. rec	1/13/2023	Organic	Benzo(a)pyrene	n/a	=	79	%	EPA 8270C	-88	-88	12	131	
2022/23-3	Lab	LCS, RPD	1/13/2023	Organic	Benzo(a)pyrene	n/a	=	0.3	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	method blank	1/13/2023	Organic	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Benzo(a)pyrene	n/a	=	22.6	µg/L	EPA 625.1	0.39	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Benzo(a)pyrene	n/a	=	113	%	EPA 625.1	-88	-88	32	148	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Benzo(a)pyrene	n/a	=	23.1	µg/L	EPA 625.1	0.39	1			
2022/23-3	Lab	LCS dup. rec	1/19/2023	Organic	Benzo(a)pyrene	n/a	=	116	%	EPA 625.1	-88	-88	32	148	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2022/23-3	Lab	LCS	1/13/2023	Organic	Benzo(b)fluoranthene	n/a	=	14.7	µg/L	EPA 8270C	0.074	0.1			AN-IP
2022/23-3	Lab	LCS, rec	1/13/2023	Organic	Benzo(b)fluoranthene	n/a	=	74	%	EPA 8270C	-88	-88	19	129	AN-IP
2022/23-3	Lab	LCS dup	1/13/2023	Organic	Benzo(b)fluoranthene	n/a	=	14.7	µg/L	EPA 8270C	0.074	0.1			AN-IP
2022/23-3	Lab	LCS dup. rec	1/13/2023	Organic	Benzo(b)fluoranthene	n/a	=	74	%	EPA 8270C	-88	-88	19	129	AN-IP
2022/23-3	Lab	LCS, RPD	1/13/2023	Organic	Benzo(b)fluoranthene	n/a	=	0.2	%	EPA 8270C	-88	-88	0	30	AN-IP
2022/23-3	Lab	method blank	1/13/2023	Organic	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Benzo(b)fluoranthene	n/a	=	20.3	µg/L	EPA 625.1	0.46	1			AN-IP

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Benzo(b)fluoranthene	n/a	=	102	%	EPA 625.1	-88	-88	42	140	AN-IP
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Benzo(b)fluoranthene	n/a	=	22.6	µg/L	EPA 625.1	0.46	1			AN-IP
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Benzo(b)fluoranthene	n/a	=	113	%	EPA 625.1	-88	-88	42	140	AN-IP
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Benzo(b)fluoranthene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	AN-IP
2022/23-3	Lab	method blank	1/19/2023	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-3	Lab	LCS	1/13/2023	Organic	Benzo(g,h,i)perylene	n/a	=	15.8	µg/L	EPA 8270C	0.05	0.1			
2022/23-3	Lab	LCS, rec	1/13/2023	Organic	Benzo(g,h,i)perylene	n/a	=	79	%	EPA 8270C	-88	-88	14	139	
2022/23-3	Lab	LCS dup	1/13/2023	Organic	Benzo(g,h,i)perylene	n/a	=	16.1	µg/L	EPA 8270C	0.05	0.1			
2022/23-3	Lab	LCS dup, rec	1/13/2023	Organic	Benzo(g,h,i)perylene	n/a	=	81	%	EPA 8270C	-88	-88	14	139	
2022/23-3	Lab	LCS, RPD	1/13/2023	Organic	Benzo(g,h,i)perylene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	method blank	1/13/2023	Organic	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Benzo(g,h,i)perylene	n/a	=	20.7	µg/L	EPA 625.1	0.42	2			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Benzo(g,h,i)perylene	n/a	=	103	%	EPA 625.1	-88	-88	0.1	195	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Benzo(g,h,i)perylene	n/a	=	21.4	µg/L	EPA 625.1	0.42	2			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Benzo(g,h,i)perylene	n/a	=	107	%	EPA 625.1	-88	-88	0.1	195	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Benzo(g,h,i)perylene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2022/23-3	Lab	LCS	1/13/2023	Organic	Benzo(k)fluoranthene	n/a	=	18.7	µg/L	EPA 8270C	0.026	0.1			AN-IP
2022/23-3	Lab	LCS, rec	1/13/2023	Organic	Benzo(k)fluoranthene	n/a	=	93	%	EPA 8270C	-88	-88	22	127	AN-IP
2022/23-3	Lab	LCS dup	1/13/2023	Organic	Benzo(k)fluoranthene	n/a	=	19.2	µg/L	EPA 8270C	0.026	0.1			AN-IP
2022/23-3	Lab	LCS dup, rec	1/13/2023	Organic	Benzo(k)fluoranthene	n/a	=	96	%	EPA 8270C	-88	-88	22	127	AN-IP
2022/23-3	Lab	LCS, RPD	1/13/2023	Organic	Benzo(k)fluoranthene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	AN-IP
2022/23-3	Lab	method blank	1/13/2023	Organic	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Benzo(k)fluoranthene	n/a	=	20.6	µg/L	EPA 625.1	0.22	1			AN-IP
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Benzo(k)fluoranthene	n/a	=	103	%	EPA 625.1	-88	-88	25	146	AN-IP
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Benzo(k)fluoranthene	n/a	=	19.4	µg/L	EPA 625.1	0.22	1			AN-IP
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Benzo(k)fluoranthene	n/a	=	97	%	EPA 625.1	-88	-88	25	146	AN-IP
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Benzo(k)fluoranthene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	AN-IP
2022/23-3	Lab	method blank	1/19/2023	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	14.4	µg/L	EPA 625.1	0.25	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	72	%	EPA 625.1	-88	-88	49	165	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	14.5	µg/L	EPA 625.1	0.25	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	72	%	EPA 625.1	-88	-88	49	165	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	0.4	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	15.1	µg/L	EPA 625.1	0.27	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	75	%	EPA 625.1	-88	-88	43	126	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	15.4	µg/L	EPA 625.1	0.27	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	77	%	EPA 625.1	-88	-88	43	126	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	19	µg/L	EPA 625.1	0.38	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	95	%	EPA 625.1	-88	-88	63	139	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	18.6	µg/L	EPA 625.1	0.38	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	93	%	EPA 625.1	-88	-88	63	139	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	method blank	12/22/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5			
2022/23-3	Lab	LCS	12/22/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.93	µg/L	EPA 525.2	0.42	5			
2022/23-3	Lab	LCS, rec	12/22/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS dup	12/22/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.72	µg/L	EPA 525.2	0.42	5			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS, RPD	12/22/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-3	Lab	method blank	12/22/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2022/23-3	Lab	LCS	12/22/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.65	µg/L	EPA 525.2	0.41	3			
2022/23-3	Lab	LCS, rec	12/22/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS dup	12/22/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.56	µg/L	EPA 525.2	0.41	3			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS, RPD	12/22/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-3	Lab	LCS	1/19/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	20.8	µg/L	EPA 625.1	2.3	5			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	104	%	EPA 625.1	-88	-88	29	137	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	20.6	µg/L	EPA 625.1	2.3	5			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	103	%	EPA 625.1	-88	-88	29	137	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2022/23-3	Lab	LCS	1/19/2023	Organic	Butyl benzyl phthalate	n/a	=	21.5	µg/L	EPA 625.1	0.49	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Butyl benzyl phthalate	n/a	=	107	%	EPA 625.1	-88	-88	0.1	140	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Butyl benzyl phthalate	n/a	=	21.7	µg/L	EPA 625.1	0.49	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Butyl benzyl phthalate	n/a	=	109	%	EPA 625.1	-88	-88	0.1	140	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Butyl benzyl phthalate	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-3	Lab	LCS	1/13/2023	Organic	Chrysene	n/a	=	18.1	µg/L	EPA 8270C	0.074	0.1			
2022/23-3	Lab	LCS, rec	1/13/2023	Organic	Chrysene	n/a	=	91	%	EPA 8270C	-88	-88	32	126	
2022/23-3	Lab	LCS dup	1/13/2023	Organic	Chrysene	n/a	=	18.3	µg/L	EPA 8270C	0.074	0.1			
2022/23-3	Lab	LCS dup, rec	1/13/2023	Organic	Chrysene	n/a	=	91	%	EPA 8270C	-88	-88	32	126	
2022/23-3	Lab	LCS, RPD	1/13/2023	Organic	Chrysene	n/a	=	0.8	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	method blank	1/13/2023	Organic	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Chrysene	n/a	=	17.2	µg/L	EPA 625.1	0.19	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Chrysene	n/a	=	86	%	EPA 625.1	-88	-88	44	140	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Chrysene	n/a	=	17.9	µg/L	EPA 625.1	0.19	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Chrysene	n/a	=	90	%	EPA 625.1	-88	-88	44	140	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Chrysene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-3	Lab	LCS	1/13/2023	Organic	Dibenz(a,h)anthracene	n/a	=	16.7	µg/L	EPA 8270C	0.036	0.1			
2022/23-3	Lab	LCS, rec	1/13/2023	Organic	Dibenz(a,h)anthracene	n/a	=	83	%	EPA 8270C	-88	-88	9	147	
2022/23-3	Lab	LCS dup	1/13/2023	Organic	Dibenz(a,h)anthracene	n/a	=	17	µg/L	EPA 8270C	0.036	0.1			
2022/23-3	Lab	LCS dup, rec	1/13/2023	Organic	Dibenz(a,h)anthracene	n/a	=	85	%	EPA 8270C	-88	-88	9	147	
2022/23-3	Lab	LCS, RPD	1/13/2023	Organic	Dibenz(a,h)anthracene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	method blank	1/13/2023	Organic	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Dibenz(a,h)anthracene	n/a	=	22.4	µg/L	EPA 625.1	0.15	2			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Dibenz(a,h)anthracene	n/a	=	112	%	EPA 625.1	-88	-88	0.1	200	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Dibenz(a,h)anthracene	n/a	=	23.1	µg/L	EPA 625.1	0.15	2			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Dibenz(a,h)anthracene	n/a	=	115	%	EPA 625.1	-88	-88	0.1	200	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Dibenz(a,h)anthracene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	method blank	1/19/2023	Organic	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2			
2022/23-3	Lab	LCS	1/19/2023	Organic	Diethyl phthalate	n/a	=	14.4	µg/L	EPA 625.1	0.35	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Diethyl phthalate	n/a	=	72	%	EPA 625.1	-88	-88	0.1	120	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Diethyl phthalate	n/a	=	14.7	µg/L	EPA 625.1	0.35	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Diethyl phthalate	n/a	=	73	%	EPA 625.1	-88	-88	0.1	120	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Diethyl phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Dimethyl phthalate	n/a	=	15.1	µg/L	EPA 625.1	0.18	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Dimethyl phthalate	n/a	=	75	%	EPA 625.1	-88	-88	0.1	120	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Dimethyl phthalate	n/a	=	15.3	µg/L	EPA 625.1	0.18	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Dimethyl phthalate	n/a	=	77	%	EPA 625.1	-88	-88	0.1	120	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Dimethyl phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Di-n-butylphthalate	n/a	=	14.9	µg/L	EPA 625.1	0.34	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Di-n-butylphthalate	n/a	=	74	%	EPA 625.1	-88	-88	8	120	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Di-n-butylphthalate	n/a	=	14.4	µg/L	EPA 625.1	0.34	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Di-n-butylphthalate	n/a	=	72	%	EPA 625.1	-88	-88	8	120	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Di-n-butylphthalate	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Di-n-octylphthalate	n/a	=	20.3	µg/L	EPA 625.1	0.46	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Di-n-octylphthalate	n/a	=	101	%	EPA 625.1	-88	-88	19	132	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Di-n-octylphthalate	n/a	=	20.8	µg/L	EPA 625.1	0.46	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Di-n-octylphthalate	n/a	=	104	%	EPA 625.1	-88	-88	19	132	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Di-n-octylphthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-3	Lab	LCS	1/13/2023	Organic	Fluoranthene	n/a	=	19.1	µg/L	EPA 8270C	0.039	0.1			
2022/23-3	Lab	LCS, rec	1/13/2023	Organic	Fluoranthene	n/a	=	95	%	EPA 8270C	-88	-88	22	131	
2022/23-3	Lab	LCS dup	1/13/2023	Organic	Fluoranthene	n/a	=	19.6	µg/L	EPA 8270C	0.039	0.1			
2022/23-3	Lab	LCS dup, rec	1/13/2023	Organic	Fluoranthene	n/a	=	98	%	EPA 8270C	-88	-88	22	131	
2022/23-3	Lab	LCS, RPD	1/13/2023	Organic	Fluoranthene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	method blank	1/13/2023	Organic	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Fluoranthene	n/a	=	19	µg/L	EPA 625.1	0.35	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Fluoranthene	n/a	=	95	%	EPA 625.1	-88	-88	43	121	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Fluoranthene	n/a	=	19.6	µg/L	EPA 625.1	0.35	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Fluoranthene	n/a	=	98	%	EPA 625.1	-88	-88	43	121	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Fluoranthene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-3	Lab	LCS	1/13/2023	Organic	Fluorene	n/a	=	18.4	µg/L	EPA 8270C	0.029	0.1			
2022/23-3	Lab	LCS, rec	1/13/2023	Organic	Fluorene	n/a	=	92	%	EPA 8270C	-88	-88	19	122	
2022/23-3	Lab	LCS dup	1/13/2023	Organic	Fluorene	n/a	=	19.3	µg/L	EPA 8270C	0.029	0.1			
2022/23-3	Lab	LCS dup, rec	1/13/2023	Organic	Fluorene	n/a	=	96	%	EPA 8270C	-88	-88	19	122	
2022/23-3	Lab	LCS, RPD	1/13/2023	Organic	Fluorene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	method blank	1/13/2023	Organic	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Fluorene	n/a	=	14.7	µg/L	EPA 625.1	0.35	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Fluorene	n/a	=	73	%	EPA 625.1	-88	-88	70	120	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Fluorene	n/a	=	14.9	µg/L	EPA 625.1	0.35	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Fluorene	n/a	=	75	%	EPA 625.1	-88	-88	70	120	

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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	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Fluorene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Hexachlorobenzene	n/a	=	15.5	µg/L	EPA 625.1	0.49	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Hexachlorobenzene	n/a	=	78	%	EPA 625.1	-88	-88	8	142	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Hexachlorobenzene	n/a	=	15.9	µg/L	EPA 625.1	0.49	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Hexachlorobenzene	n/a	=	80	%	EPA 625.1	-88	-88	8	142	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Hexachlorobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Hexachlorobutadiene	n/a	=	14.7	µg/L	EPA 625.1	0.47	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Hexachlorobutadiene	n/a	=	74	%	EPA 625.1	-88	-88	38	120	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Hexachlorobutadiene	n/a	=	16	µg/L	EPA 625.1	0.47	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Hexachlorobutadiene	n/a	=	80	%	EPA 625.1	-88	-88	38	120	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Hexachlorobutadiene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2022/23-3	Lab	method blank	12/22/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2022/23-3	Lab	LCS	12/22/2022	Organic	Hexachlorocyclopentadiene	n/a	=	2.25	µg/L	EPA 525.2	0.092	1			
2022/23-3	Lab	LCS, rec	12/22/2022	Organic	Hexachlorocyclopentadiene	n/a	=	90	%	EPA 525.2	-88	-88	33	106	
2022/23-3	Lab	LCS dup	12/22/2022	Organic	Hexachlorocyclopentadiene	n/a	=	2.25	µg/L	EPA 525.2	0.092	1			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Organic	Hexachlorocyclopentadiene	n/a	=	90	%	EPA 525.2	-88	-88	33	106	
2022/23-3	Lab	LCS, RPD	12/22/2022	Organic	Hexachlorocyclopentadiene	n/a	=	0.002	%	EPA 525.2	-88	-88	0	30	
2022/23-3	Lab	LCS	1/19/2023	Organic	Hexachlorocyclopentadiene	n/a	=	8.07	µg/L	EPA 625.1	0.31	5			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Hexachlorocyclopentadiene	n/a	=	40	%	EPA 625.1	-88	-88	10	120	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Hexachlorocyclopentadiene	n/a	=	8.75	µg/L	EPA 625.1	0.31	5			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Hexachlorocyclopentadiene	n/a	=	44	%	EPA 625.1	-88	-88	10	120	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Hexachlorocyclopentadiene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5			
2022/23-3	Lab	LCS	1/19/2023	Organic	Hexachloroethane	n/a	=	14	µg/L	EPA 625.1	0.5	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Hexachloroethane	n/a	=	70	%	EPA 625.1	-88	-88	55	120	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Hexachloroethane	n/a	=	15.1	µg/L	EPA 625.1	0.5	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Hexachloroethane	n/a	=	75	%	EPA 625.1	-88	-88	55	120	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Hexachloroethane	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-3	Lab	LCS	1/13/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	16.1	µg/L	EPA 8270C	0.065	0.1			
2022/23-3	Lab	LCS, rec	1/13/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	80	%	EPA 8270C	-88	-88	12	136	
2022/23-3	Lab	LCS dup	1/13/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	16.4	µg/L	EPA 8270C	0.065	0.1			
2022/23-3	Lab	LCS dup, rec	1/13/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	82	%	EPA 8270C	-88	-88	12	136	
2022/23-3	Lab	LCS, RPD	1/13/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	method blank	1/13/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	22.5	µg/L	EPA 625.1	0.25	2			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	113	%	EPA 625.1	-88	-88	0.1	151	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	23.6	µg/L	EPA 625.1	0.25	2			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	118	%	EPA 625.1	-88	-88	0.1	151	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2			
2022/23-3	Lab	LCS	1/19/2023	Organic	Isophorone	n/a	=	11.4	µg/L	EPA 625.1	0.21	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Isophorone	n/a	=	57	%	EPA 625.1	-88	-88	47	180	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Isophorone	n/a	=	11.1	µg/L	EPA 625.1	0.21	1			

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Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Isophorone	n/a	=	56	%	EPA 625.1	-88	-88	47	180	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Isophorone	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2022/23-3	Lab	method blank	12/22/2022	Organic	Naphthalene	n/a	<	0.14	µg/L	EPA 525.2	0.14	0.5			
2022/23-3	Lab	LCS	12/22/2022	Organic	Naphthalene	n/a	DNQ	5	µg/L	EPA 525.2	0.14	0.5			
2022/23-3	Lab	LCS, rec	12/22/2022	Organic	Naphthalene	n/a	=	100	%	EPA 525.2	-88	-88	75	116	
2022/23-3	Lab	LCS dup	12/22/2022	Organic	Naphthalene	n/a	DNQ	5.18	µg/L	EPA 525.2	0.14	0.5			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Organic	Naphthalene	n/a	=	104	%	EPA 525.2	-88	-88	75	116	
2022/23-3	Lab	LCS, RPD	12/22/2022	Organic	Naphthalene	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-3	Lab	LCS	1/13/2023	Organic	Naphthalene	n/a	=	15.8	µg/L	EPA 8270C	0.026	0.1			
2022/23-3	Lab	LCS, rec	1/13/2023	Organic	Naphthalene	n/a	=	79	%	EPA 8270C	-88	-88	12	136	
2022/23-3	Lab	LCS dup	1/13/2023	Organic	Naphthalene	n/a	=	16.7	µg/L	EPA 8270C	0.026	0.1			
2022/23-3	Lab	LCS dup, rec	1/13/2023	Organic	Naphthalene	n/a	=	84	%	EPA 8270C	-88	-88	12	136	
2022/23-3	Lab	LCS, RPD	1/13/2023	Organic	Naphthalene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	method blank	1/13/2023	Organic	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Naphthalene	n/a	=	14.7	µg/L	EPA 625.1	0.49	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Naphthalene	n/a	=	73	%	EPA 625.1	-88	-88	36	120	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Naphthalene	n/a	=	15.3	µg/L	EPA 625.1	0.49	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Naphthalene	n/a	=	77	%	EPA 625.1	-88	-88	36	120	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Naphthalene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Nitrobenzene	n/a	=	15.1	µg/L	EPA 625.1	0.36	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Nitrobenzene	n/a	=	75	%	EPA 625.1	-88	-88	54	158	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Nitrobenzene	n/a	=	14.8	µg/L	EPA 625.1	0.36	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Nitrobenzene	n/a	=	74	%	EPA 625.1	-88	-88	54	158	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Nitrobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-3	Lab	srgt LCS	1/13/2023	Organic	Nitrobenzene-d5	n/a	=	16.6	µg/L	EPA 8270C	-88	-88			
2022/23-3	Lab	srgt LCS, rec	1/13/2023	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 8270C	-88	-88	51	143	
2022/23-3	Lab	srgt LCS dup	1/13/2023	Organic	Nitrobenzene-d5	n/a	=	17.5	µg/L	EPA 8270C	-88	-88			
2022/23-3	Lab	srgt LCS dup, rec	1/13/2023	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 8270C	-88	-88	51	143	
2022/23-3	Lab	srgt method blank	1/13/2023	Organic	Nitrobenzene-d5	n/a	=	15	µg/L	EPA 8270C	-88	-88			
2022/23-3	Lab	srgt method blank, rec	1/13/2023	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 8270C	-88	-88	51	143	
2022/23-3	Lab	srgt LCS	1/19/2023	Organic	Nitrobenzene-d5	n/a	=	16.5	µg/L	EPA 625.1	-88	-88			
2022/23-3	Lab	srgt LCS, rec	1/19/2023	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 625.1	-88	-88	47	120	
2022/23-3	Lab	srgt LCS dup	1/19/2023	Organic	Nitrobenzene-d5	n/a	=	16.1	µg/L	EPA 625.1	-88	-88			
2022/23-3	Lab	srgt LCS dup, rec	1/19/2023	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 625.1	-88	-88	47	120	
2022/23-3	Lab	srgt method blank	1/19/2023	Organic	Nitrobenzene-d5	n/a	=	14.5	µg/L	EPA 625.1	-88	-88			
2022/23-3	Lab	srgt method blank, rec	1/19/2023	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 625.1	-88	-88	47	120	
2022/23-3	ME-SCR	srgt environ	1/13/2023	Organic	Nitrobenzene-d5	n/a	=	118	µg/L	EPA 8270C	-88	-88			
2022/23-3	ME-SCR	srgt environ, rec	1/13/2023	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 8270C	-88	-88	51	143	
2022/23-3	ME-SCR	srgt environ	1/19/2023	Organic	Nitrobenzene-d5	n/a	=	114	µg/L	EPA 625.1	-88	-88			
2022/23-3	ME-SCR	srgt environ, rec	1/19/2023	Organic	Nitrobenzene-d5	n/a	=	57	%	EPA 625.1	-88	-88	47	120	
2022/23-3	Lab	LCS	1/19/2023	Organic	N-Nitrosodimethylamine	n/a	=	8.23	µg/L	EPA 625.1	0.5	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	N-Nitrosodimethylamine	n/a	=	41	%	EPA 625.1	-88	-88	22	120	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	N-Nitrosodimethylamine	n/a	=	8.63	µg/L	EPA 625.1	0.5	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	N-Nitrosodimethylamine	n/a	=	43	%	EPA 625.1	-88	-88	22	120	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	N-Nitrosodimethylamine	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-3	Lab	LCS	1/19/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	17.4	µg/L	EPA 625.1	0.26	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	87	%	EPA 625.1	-88	-88	14	198	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	17.5	µg/L	EPA 625.1	0.26	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	87	%	EPA 625.1	-88	-88	14	198	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.07	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-3	Lab	LCS	1/19/2023	Organic	N-Nitrosodiphenylamine	n/a	=	12.7	µg/L	EPA 625.1	0.19	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	N-Nitrosodiphenylamine	n/a	=	64	%	EPA 625.1	-88	-88	47	120	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	N-Nitrosodiphenylamine	n/a	=	12.1	µg/L	EPA 625.1	0.19	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	N-Nitrosodiphenylamine	n/a	=	61	%	EPA 625.1	-88	-88	47	120	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	N-Nitrosodiphenylamine	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-3	Lab	srgt method blank	12/22/2022	Organic	Perylene-d12	n/a	=	5.02	µg/L	EPA 525.2	-88	-88			
2022/23-3	Lab	srgt method blank, rec	12/22/2022	Organic	Perylene-d12	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2022/23-3	Lab	srgt LCS	12/22/2022	Organic	Perylene-d12	n/a	=	4.75	µg/L	EPA 525.2	-88	-88			
2022/23-3	Lab	srgt LCS, rec	12/22/2022	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2022/23-3	Lab	srgt LCS dup	12/22/2022	Organic	Perylene-d12	n/a	=	4.77	µg/L	EPA 525.2	-88	-88			
2022/23-3	Lab	srgt LCS dup, rec	12/22/2022	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2022/23-3	ME-SCR	srgt environ	12/22/2022	Organic	Perylene-d12	n/a	=	5.22	µg/L	EPA 525.2	-88	-88			
2022/23-3	ME-SCR	srgt environ, rec	12/22/2022	Organic	Perylene-d12	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2022/23-3	Lab	LCS	1/13/2023	Organic	Phenanthrene	n/a	=	18.4	µg/L	EPA 8270C	0.029	0.1			
2022/23-3	Lab	LCS, rec	1/13/2023	Organic	Phenanthrene	n/a	=	92	%	EPA 8270C	-88	-88	21	131	
2022/23-3	Lab	LCS dup	1/13/2023	Organic	Phenanthrene	n/a	=	19.1	µg/L	EPA 8270C	0.029	0.1			
2022/23-3	Lab	LCS dup, rec	1/13/2023	Organic	Phenanthrene	n/a	=	96	%	EPA 8270C	-88	-88	21	131	
2022/23-3	Lab	LCS, RPD	1/13/2023	Organic	Phenanthrene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	method blank	1/13/2023	Organic	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Phenanthrene	n/a	=	16.2	µg/L	EPA 625.1	0.32	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Phenanthrene	n/a	=	81	%	EPA 625.1	-88	-88	65	120	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Phenanthrene	n/a	=	16.6	µg/L	EPA 625.1	0.32	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Phenanthrene	n/a	=	83	%	EPA 625.1	-88	-88	65	120	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Phenanthrene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2022/23-3	Lab	method blank	1/9/2023	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2022/23-3	Lab	LCS	1/9/2023	Organic	Phenol	n/a	=	6.99	µg/L	EPA 8270C	0.35	1			
2022/23-3	Lab	LCS, rec	1/9/2023	Organic	Phenol	n/a	=	35	%	EPA 8270C	-88	-88	6	43	
2022/23-3	Lab	LCS dup	1/9/2023	Organic	Phenol	n/a	=	7.2	µg/L	EPA 8270C	0.35	1			
2022/23-3	Lab	LCS dup, rec	1/9/2023	Organic	Phenol	n/a	=	36	%	EPA 8270C	-88	-88	6	43	
2022/23-3	Lab	LCS, RPD	1/9/2023	Organic	Phenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	LCS	1/19/2023	Organic	Phenol	n/a	=	5.47	µg/L	EPA 625.1	0.81	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Phenol	n/a	=	27	%	EPA 625.1	-88	-88	17	120	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Phenol	n/a	=	5.34	µg/L	EPA 625.1	0.81	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Phenol	n/a	=	27	%	EPA 625.1	-88	-88	17	120	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Phenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1			
2022/23-3	Lab	srgt method blank	1/9/2023	Organic	Phenol-d5	n/a	=	11.1	µg/L	EPA 8270C	-88	-88			

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Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	srgt method blank, rec	1/9/2023	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2022/23-3	Lab	srgt LCS	1/9/2023	Organic	Phenol-d5	n/a	=	14	µg/L	EPA 8270C	-88	-88			
2022/23-3	Lab	srgt LCS, rec	1/9/2023	Organic	Phenol-d5	n/a	=	35	%	EPA 8270C	-88	-88	5	46	
2022/23-3	Lab	srgt LCS dup	1/9/2023	Organic	Phenol-d5	n/a	=	14.3	µg/L	EPA 8270C	-88	-88			
2022/23-3	Lab	srgt LCS dup, rec	1/9/2023	Organic	Phenol-d5	n/a	=	36	%	EPA 8270C	-88	-88	5	46	
2022/23-3	Lab	srgt LCS	1/19/2023	Organic	Phenol-d5	n/a	=	11.3	µg/L	EPA 625.1	-88	-88			
2022/23-3	Lab	srgt LCS, rec	1/19/2023	Organic	Phenol-d5	n/a	=	28	%	EPA 625.1	-88	-88	12	120	
2022/23-3	Lab	srgt LCS dup	1/19/2023	Organic	Phenol-d5	n/a	=	10.9	µg/L	EPA 625.1	-88	-88			
2022/23-3	Lab	srgt LCS dup, rec	1/19/2023	Organic	Phenol-d5	n/a	=	27	%	EPA 625.1	-88	-88	12	120	
2022/23-3	Lab	srgt method blank	1/19/2023	Organic	Phenol-d5	n/a	=	9.17	µg/L	EPA 625.1	-88	-88			
2022/23-3	Lab	srgt method blank, rec	1/19/2023	Organic	Phenol-d5	n/a	=	23	%	EPA 625.1	-88	-88	12	120	
2022/23-3	ME-SCR	srgt environ	1/9/2023	Organic	Phenol-d5	n/a	=	89.8	µg/L	EPA 8270C	-88	-88			
2022/23-3	ME-SCR	srgt environ, rec	1/9/2023	Organic	Phenol-d5	n/a	=	22	%	EPA 8270C	-88	-88	5	46	
2022/23-3	ME-SCR	srgt environ	1/19/2023	Organic	Phenol-d5	n/a	=	72.3	µg/L	EPA 625.1	-88	-88			
2022/23-3	ME-SCR	srgt environ, rec	1/19/2023	Organic	Phenol-d5	n/a	=	18	%	EPA 625.1	-88	-88	12	120	
2022/23-3	Lab	srgt LCS	1/13/2023	Organic	p-Terphenyl-d14	n/a	=	21.5	µg/L	EPA 8270C	-88	-88			
2022/23-3	Lab	srgt LCS, rec	1/13/2023	Organic	p-Terphenyl-d14	n/a	=	107	%	EPA 8270C	-88	-88	19	134	
2022/23-3	Lab	srgt LCS dup	1/13/2023	Organic	p-Terphenyl-d14	n/a	=	21.6	µg/L	EPA 8270C	-88	-88			
2022/23-3	Lab	srgt LCS dup, rec	1/13/2023	Organic	p-Terphenyl-d14	n/a	=	108	%	EPA 8270C	-88	-88	19	134	
2022/23-3	Lab	srgt method blank	1/13/2023	Organic	p-Terphenyl-d14	n/a	=	17.9	µg/L	EPA 8270C	-88	-88			
2022/23-3	Lab	srgt method blank, rec	1/13/2023	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 8270C	-88	-88	19	134	
2022/23-3	Lab	srgt LCS	1/19/2023	Organic	p-Terphenyl-d14	n/a	=	24.1	µg/L	EPA 625.1	-88	-88			
2022/23-3	Lab	srgt LCS, rec	1/19/2023	Organic	p-Terphenyl-d14	n/a	=	120	%	EPA 625.1	-88	-88	44	129	
2022/23-3	Lab	srgt LCS dup	1/19/2023	Organic	p-Terphenyl-d14	n/a	=	23.7	µg/L	EPA 625.1	-88	-88			
2022/23-3	Lab	srgt LCS dup, rec	1/19/2023	Organic	p-Terphenyl-d14	n/a	=	118	%	EPA 625.1	-88	-88	44	129	
2022/23-3	Lab	srgt method blank	1/19/2023	Organic	p-Terphenyl-d14	n/a	=	21.2	µg/L	EPA 625.1	-88	-88			
2022/23-3	Lab	srgt method blank, rec	1/19/2023	Organic	p-Terphenyl-d14	n/a	=	106	%	EPA 625.1	-88	-88	44	129	
2022/23-3	ME-SCR	srgt environ	1/13/2023	Organic	p-Terphenyl-d14	n/a	=	167	µg/L	EPA 8270C	-88	-88			
2022/23-3	ME-SCR	srgt environ, rec	1/13/2023	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 8270C	-88	-88	19	134	
2022/23-3	ME-SCR	srgt environ	1/19/2023	Organic	p-Terphenyl-d14	n/a	=	191	µg/L	EPA 625.1	-88	-88			
2022/23-3	ME-SCR	srgt environ, rec	1/19/2023	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 625.1	-88	-88	44	129	
2022/23-3	Lab	LCS	1/13/2023	Organic	Pyrene	n/a	=	18.8	µg/L	EPA 8270C	0.04	0.1			
2022/23-3	Lab	LCS, rec	1/13/2023	Organic	Pyrene	n/a	=	94	%	EPA 8270C	-88	-88	26	128	
2022/23-3	Lab	LCS dup	1/13/2023	Organic	Pyrene	n/a	=	19.4	µg/L	EPA 8270C	0.04	0.1			
2022/23-3	Lab	LCS dup, rec	1/13/2023	Organic	Pyrene	n/a	=	97	%	EPA 8270C	-88	-88	26	128	
2022/23-3	Lab	LCS, RPD	1/13/2023	Organic	Pyrene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	method blank	1/13/2023	Organic	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1			
2022/23-3	Lab	LCS	1/19/2023	Organic	Pyrene	n/a	=	16.7	µg/L	EPA 625.1	0.25	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Organic	Pyrene	n/a	=	83	%	EPA 625.1	-88	-88	70	120	
2022/23-3	Lab	LCS dup	1/19/2023	Organic	Pyrene	n/a	=	16.9	µg/L	EPA 625.1	0.25	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Organic	Pyrene	n/a	=	84	%	EPA 625.1	-88	-88	70	120	
2022/23-3	Lab	LCS, RPD	1/19/2023	Organic	Pyrene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-3	Lab	srgt method blank	1/5/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0605	µg/L	EPA 608.3	-88	-88			
2022/23-3	Lab	srgt method blank, rec	1/5/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 608.3	-88	-88	32	130	
2022/23-3	Lab	srgt LCS	1/5/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0625	µg/L	EPA 608.3	-88	-88			
2022/23-3	Lab	srgt LCS, rec	1/5/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	62	%	EPA 608.3	-88	-88	32	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	srgt LCS dup	1/5/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0618	µg/L	EPA 608.3	-88	-88			
2022/23-3	Lab	srgt LCS dup, rec	1/5/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	62	%	EPA 608.3	-88	-88	32	130	
2022/23-3	ME-SCR	srgt environ	1/5/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.555	µg/L	EPA 608.3	-88	-88			
2022/23-3	ME-SCR	srgt environ, rec	1/5/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	55	%	EPA 608.3	-88	-88	32	130	
2022/23-3	000NONPJ	srgt matrix spike	12/16/2022	Organic	Triphenylphosphate	n/a	=	0.606	µg/L	EPA 625.1m	-88	-88			
2022/23-3	000NONPJ	srgt matrix spike, rec	12/16/2022	Organic	Triphenylphosphate	n/a	=	121	%	EPA 625.1m	-88	-88	40	200	
2022/23-3	000NONPJ	srgt matrix spike dup	12/16/2022	Organic	Triphenylphosphate	n/a	=	0.594	µg/L	EPA 625.1m	-88	-88			
2022/23-3	000NONPJ	srgt matrix spike dup, rec	12/16/2022	Organic	Triphenylphosphate	n/a	=	119	%	EPA 625.1m	-88	-88	40	200	
2022/23-3	Lab	srgt LCS	12/15/2022	Organic	Triphenylphosphate	n/a	=	0.604	µg/L	EPA 625.1m	-88	-88			
2022/23-3	Lab	srgt LCS, rec	12/15/2022	Organic	Triphenylphosphate	n/a	=	121	%	EPA 625.1m	-88	-88	40	200	
2022/23-3	Lab	srgt method blank	12/16/2022	Organic	Triphenylphosphate	n/a	=	0.63	µg/L	EPA 625.1m	-88	-88			
2022/23-3	Lab	srgt method blank, rec	12/16/2022	Organic	Triphenylphosphate	n/a	=	126	%	EPA 625.1m	-88	-88	40	200	
2022/23-3	Lab	srgt method blank	12/22/2022	Organic	Triphenylphosphate	n/a	=	5.29	µg/L	EPA 525.2	-88	-88			
2022/23-3	Lab	srgt method blank, rec	12/22/2022	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	srgt LCS	12/22/2022	Organic	Triphenylphosphate	n/a	=	5.92	µg/L	EPA 525.2	-88	-88			
2022/23-3	Lab	srgt LCS, rec	12/22/2022	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	srgt LCS dup	12/22/2022	Organic	Triphenylphosphate	n/a	=	5.81	µg/L	EPA 525.2	-88	-88			
2022/23-3	Lab	srgt LCS dup, rec	12/22/2022	Organic	Triphenylphosphate	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2022/23-3	ME-SCR	srgt environ	12/16/2022	Organic	Triphenylphosphate	n/a	=	0.617	µg/L	EPA 625.1m	-88	-88			
2022/23-3	ME-SCR	srgt environ, rec	12/16/2022	Organic	Triphenylphosphate	n/a	=	123	%	EPA 625.1m	-88	-88	40	200	
2022/23-3	ME-SCR	srgt environ	12/22/2022	Organic	Triphenylphosphate	n/a	=	6.21	µg/L	EPA 525.2	-88	-88			
2022/23-3	ME-SCR	srgt environ, rec	12/22/2022	Organic	Triphenylphosphate	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	srgt method blank	1/5/2023	PCB	PCB 209	n/a	=	0.0909	µg/L	EPA 608.3	-88	-88			
2022/23-3	Lab	srgt method blank, rec	1/5/2023	PCB	PCB 209	n/a	=	91	%	EPA 608.3	-88	-88	33	133	
2022/23-3	Lab	srgt LCS	1/5/2023	PCB	PCB 209	n/a	=	0.0942	µg/L	EPA 608.3	-88	-88			
2022/23-3	Lab	srgt LCS, rec	1/5/2023	PCB	PCB 209	n/a	=	94	%	EPA 608.3	-88	-88	33	133	
2022/23-3	Lab	srgt LCS dup	1/5/2023	PCB	PCB 209	n/a	=	0.0733	µg/L	EPA 608.3	-88	-88			
2022/23-3	Lab	srgt LCS dup, rec	1/5/2023	PCB	PCB 209	n/a	=	73	%	EPA 608.3	-88	-88	33	133	
2022/23-3	ME-SCR	srgt environ	1/5/2023	PCB	PCB 209	n/a	=	0.573	µg/L	EPA 608.3	-88	-88			
2022/23-3	ME-SCR	srgt environ, rec	1/5/2023	PCB	PCB 209	n/a	=	57	%	EPA 608.3	-88	-88	33	133	
2022/23-3	Lab	method blank	1/5/2023	PCB	PCB Aroclor 1016	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.5			
2022/23-3	Lab	method blank	1/5/2023	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2022/23-3	Lab	method blank	1/5/2023	PCB	PCB Aroclor 1232	n/a	<	0.083	µg/L	EPA 608.3	0.083	0.5			
2022/23-3	Lab	method blank	1/5/2023	PCB	PCB Aroclor 1242	n/a	<	0.095	µg/L	EPA 608.3	0.095	0.5			
2022/23-3	Lab	method blank	1/5/2023	PCB	PCB Aroclor 1248	n/a	<	0.083	µg/L	EPA 608.3	0.083	0.5			
2022/23-3	Lab	method blank	1/5/2023	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5			
2022/23-3	Lab	method blank	1/5/2023	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5			
2022/23-3	000NONPJ	matrix spike	12/29/2022	Pesticide	2,4,5-T	n/a	=	4.47	µg/L	EPA 515.4	0.03	0.2			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Pesticide	2,4,5-T	n/a	=	112	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Pesticide	2,4,5-T	n/a	=	4.13	µg/L	EPA 515.4	0.03	0.2			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Pesticide	2,4,5-T	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Pesticide	2,4,5-T	n/a	=	8	%	EPA 515.4	-88	-88	0	30	
2022/23-3	Lab	method blank	12/29/2022	Pesticide	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2			
2022/23-3	Lab	LCS	12/29/2022	Pesticide	2,4,5-T	n/a	=	4.17	µg/L	EPA 515.4	0.03	0.2			
2022/23-3	Lab	LCS, rec	12/29/2022	Pesticide	2,4,5-T	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike	12/29/2022	Pesticide	2,4,5-TP	n/a	=	4.27	µg/L	EPA 515.4	0.026	0.2			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Pesticide	2,4,5-TP	n/a	=	107	%	EPA 515.4	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Pesticide	2,4,5-TP	n/a	=	4.07	µg/L	EPA 515.4	0.026	0.2			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Pesticide	2,4,5-TP	n/a	=	5	%	EPA 515.4	-88	-88	0	30	
2022/23-3	Lab	method blank	12/29/2022	Pesticide	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2			
2022/23-3	Lab	LCS	12/29/2022	Pesticide	2,4,5-TP	n/a	=	4.14	µg/L	EPA 515.4	0.026	0.2			
2022/23-3	Lab	LCS, rec	12/29/2022	Pesticide	2,4,5-TP	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike	12/29/2022	Pesticide	2,4-D	n/a	=	8.51	µg/L	EPA 515.4	0.14	0.4			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Pesticide	2,4-D	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Pesticide	2,4-D	n/a	=	8.42	µg/L	EPA 515.4	0.14	0.4			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Pesticide	2,4-D	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Pesticide	2,4-D	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2022/23-3	Lab	method blank	12/29/2022	Pesticide	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4			
2022/23-3	Lab	LCS	12/29/2022	Pesticide	2,4-D	n/a	=	8.48	µg/L	EPA 515.4	0.14	0.4			
2022/23-3	Lab	LCS, rec	12/29/2022	Pesticide	2,4-D	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike	12/29/2022	Pesticide	2,4-DB	n/a	=	17.3	µg/L	EPA 515.4	0.19	2			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Pesticide	2,4-DB	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Pesticide	2,4-DB	n/a	=	16.1	µg/L	EPA 515.4	0.19	2			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Pesticide	2,4-DB	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Pesticide	2,4-DB	n/a	=	7	%	EPA 515.4	-88	-88	0	30	
2022/23-3	Lab	method blank	12/29/2022	Pesticide	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2			
2022/23-3	Lab	LCS	12/29/2022	Pesticide	2,4-DB	n/a	=	16.2	µg/L	EPA 515.4	0.19	2			
2022/23-3	Lab	LCS, rec	12/29/2022	Pesticide	2,4-DB	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike	12/29/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.44	µg/L	EPA 515.4	0.12	1			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.33	µg/L	EPA 515.4	0.12	1			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2022/23-3	Lab	method blank	12/29/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1			
2022/23-3	Lab	LCS	12/29/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.14	µg/L	EPA 515.4	0.12	1			
2022/23-3	Lab	LCS, rec	12/29/2022	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-3	Lab	method blank	1/5/2023	Pesticide	4,4'-DDD	n/a	<	0.0027	µg/L	EPA 608.3	0.0027	0.05			
2022/23-3	Lab	LCS	1/5/2023	Pesticide	4,4'-DDD	n/a	=	0.0896	µg/L	EPA 608.3	0.0027	0.05			
2022/23-3	Lab	LCS, rec	1/5/2023	Pesticide	4,4'-DDD	n/a	=	90	%	EPA 608.3	-88	-88	48	130	
2022/23-3	Lab	LCS dup	1/5/2023	Pesticide	4,4'-DDD	n/a	=	0.0921	µg/L	EPA 608.3	0.0027	0.05			
2022/23-3	Lab	LCS dup, rec	1/5/2023	Pesticide	4,4'-DDD	n/a	=	92	%	EPA 608.3	-88	-88	48	130	
2022/23-3	Lab	LCS, RPD	1/5/2023	Pesticide	4,4'-DDD	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2022/23-3	Lab	method blank	1/5/2023	Pesticide	4,4'-DDE	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.05			
2022/23-3	Lab	LCS	1/5/2023	Pesticide	4,4'-DDE	n/a	=	0.0799	µg/L	EPA 608.3	0.0018	0.05			
2022/23-3	Lab	LCS, rec	1/5/2023	Pesticide	4,4'-DDE	n/a	=	80	%	EPA 608.3	-88	-88	54	130	
2022/23-3	Lab	LCS dup	1/5/2023	Pesticide	4,4'-DDE	n/a	=	0.084	µg/L	EPA 608.3	0.0018	0.05			
2022/23-3	Lab	LCS dup, rec	1/5/2023	Pesticide	4,4'-DDE	n/a	=	84	%	EPA 608.3	-88	-88	54	130	
2022/23-3	Lab	LCS, RPD	1/5/2023	Pesticide	4,4'-DDE	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2022/23-3	Lab	method blank	1/5/2023	Pesticide	4,4'-DDT	n/a	<	0.0028	µg/L	EPA 608.3	0.0028	0.01			
2022/23-3	Lab	LCS	1/5/2023	Pesticide	4,4'-DDT	n/a	=	0.105	µg/L	EPA 608.3	0.0028	0.01			
2022/23-3	Lab	LCS, rec	1/5/2023	Pesticide	4,4'-DDT	n/a	=	105	%	EPA 608.3	-88	-88	46	137	
2022/23-3	Lab	LCS dup	1/5/2023	Pesticide	4,4'-DDT	n/a	=	0.107	µg/L	EPA 608.3	0.0028	0.01			
2022/23-3	Lab	LCS dup, rec	1/5/2023	Pesticide	4,4'-DDT	n/a	=	107	%	EPA 608.3	-88	-88	46	137	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	LCS, RPD	1/5/2023	Pesticide	4,4'-DDT	n/a	=	1	%	EPA 608.3	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/29/2022	Pesticide	Acifluorfen	n/a	=	4.47	µg/L	EPA 515.4	0.03	0.4			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Pesticide	Acifluorfen	n/a	=	112	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Pesticide	Acifluorfen	n/a	=	4.25	µg/L	EPA 515.4	0.03	0.4			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Pesticide	Acifluorfen	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Pesticide	Acifluorfen	n/a	=	5	%	EPA 515.4	-88	-88	0	30	
2022/23-3	Lab	method blank	12/29/2022	Pesticide	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4			
2022/23-3	Lab	LCS	12/29/2022	Pesticide	Acifluorfen	n/a	=	4.32	µg/L	EPA 515.4	0.03	0.4			
2022/23-3	Lab	LCS, rec	12/29/2022	Pesticide	Acifluorfen	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2022/23-3	Lab	method blank	12/22/2022	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-3	Lab	LCS	12/22/2022	Pesticide	Alachlor	n/a	=	7.17	µg/L	EPA 525.2	0.03	0.1			
2022/23-3	Lab	LCS, rec	12/22/2022	Pesticide	Alachlor	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS dup	12/22/2022	Pesticide	Alachlor	n/a	=	7.1	µg/L	EPA 525.2	0.03	0.1			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Pesticide	Alachlor	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS, RPD	12/22/2022	Pesticide	Alachlor	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2022/23-3	Lab	method blank	1/5/2023	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2022/23-3	Lab	LCS	1/5/2023	Pesticide	Aldrin	n/a	=	0.0668	µg/L	EPA 608.3	0.001	0.005			
2022/23-3	Lab	LCS, rec	1/5/2023	Pesticide	Aldrin	n/a	=	67	%	EPA 608.3	-88	-88	54	130	
2022/23-3	Lab	LCS dup	1/5/2023	Pesticide	Aldrin	n/a	=	0.0724	µg/L	EPA 608.3	0.001	0.005			
2022/23-3	Lab	LCS dup, rec	1/5/2023	Pesticide	Aldrin	n/a	=	72	%	EPA 608.3	-88	-88	54	130	
2022/23-3	Lab	LCS, RPD	1/5/2023	Pesticide	Aldrin	n/a	=	8	%	EPA 608.3	-88	-88	0	30	
2022/23-3	Lab	method blank	1/5/2023	Pesticide	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2022/23-3	Lab	LCS	1/5/2023	Pesticide	alpha-BHC	n/a	=	0.0759	µg/L	EPA 608.3	0.0011	0.01			
2022/23-3	Lab	LCS, rec	1/5/2023	Pesticide	alpha-BHC	n/a	=	76	%	EPA 608.3	-88	-88	49	130	
2022/23-3	Lab	LCS dup	1/5/2023	Pesticide	alpha-BHC	n/a	=	0.0818	µg/L	EPA 608.3	0.0011	0.01			
2022/23-3	Lab	LCS dup, rec	1/5/2023	Pesticide	alpha-BHC	n/a	=	82	%	EPA 608.3	-88	-88	49	130	
2022/23-3	Lab	LCS, RPD	1/5/2023	Pesticide	alpha-BHC	n/a	=	8	%	EPA 608.3	-88	-88	0	30	
2022/23-3	Lab	method blank	1/5/2023	Pesticide	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01			
2022/23-3	Lab	LCS	1/5/2023	Pesticide	alpha-Chlordane	n/a	=	0.084	µg/L	EPA 608.3	0.0029	0.01			
2022/23-3	Lab	LCS, rec	1/5/2023	Pesticide	alpha-Chlordane	n/a	=	84	%	EPA 608.3	-88	-88	23	127	
2022/23-3	Lab	LCS dup	1/5/2023	Pesticide	alpha-Chlordane	n/a	=	0.0867	µg/L	EPA 608.3	0.0029	0.01			
2022/23-3	Lab	LCS dup, rec	1/5/2023	Pesticide	alpha-Chlordane	n/a	=	87	%	EPA 608.3	-88	-88	23	127	
2022/23-3	Lab	LCS, RPD	1/5/2023	Pesticide	alpha-Chlordane	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2022/23-3	Lab	method blank	12/22/2022	Pesticide	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1			
2022/23-3	Lab	LCS	12/22/2022	Pesticide	Atrazine	n/a	=	4.96	µg/L	EPA 525.2	0.011	0.1			
2022/23-3	Lab	LCS, rec	12/22/2022	Pesticide	Atrazine	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS dup	12/22/2022	Pesticide	Atrazine	n/a	=	4.87	µg/L	EPA 525.2	0.011	0.1			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Pesticide	Atrazine	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS, RPD	12/22/2022	Pesticide	Atrazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Azinphos methyl	n/a	=	0.0772	µg/L	EPA 625.1m	0.0053	0.01			GB
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Azinphos methyl	n/a	=	154	%	EPA 625.1m	-88	-88	0.1	153	GB
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Azinphos methyl	n/a	=	0.08	µg/L	EPA 625.1m	0.0053	0.01			GB
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Azinphos methyl	n/a	=	160	%	EPA 625.1m	-88	-88	0.1	153	GB
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Azinphos methyl	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Azinphos methyl	n/a	=	0.0562	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Azinphos methyl	n/a	=	112	%	EPA 625.1m	-88	-88	47	200	
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	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	
2022/23-3	000NONPJ	matrix spike	12/29/2022	Pesticide	Bentazon	n/a	=	15.9	µg/L	EPA 515.4	0.23	2			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Pesticide	Bentazon	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Pesticide	Bentazon	n/a	=	15.2	µg/L	EPA 515.4	0.23	2			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Pesticide	Bentazon	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Pesticide	Bentazon	n/a	=	5	%	EPA 515.4	-88	-88	0	30	
2022/23-3	Lab	method blank	12/29/2022	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2			
2022/23-3	Lab	LCS	12/29/2022	Pesticide	Bentazon	n/a	=	15	µg/L	EPA 515.4	0.23	2			
2022/23-3	Lab	LCS, rec	12/29/2022	Pesticide	Bentazon	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2022/23-3	Lab	method blank	1/5/2023	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2022/23-3	Lab	LCS	1/5/2023	Pesticide	beta-BHC	n/a	=	0.0828	µg/L	EPA 608.3	0.0015	0.005			
2022/23-3	Lab	LCS, rec	1/5/2023	Pesticide	beta-BHC	n/a	=	83	%	EPA 608.3	-88	-88	39	130	
2022/23-3	Lab	LCS dup	1/5/2023	Pesticide	beta-BHC	n/a	=	0.0858	µg/L	EPA 608.3	0.0015	0.005			
2022/23-3	Lab	LCS dup, rec	1/5/2023	Pesticide	beta-BHC	n/a	=	86	%	EPA 608.3	-88	-88	39	130	
2022/23-3	Lab	LCS, RPD	1/5/2023	Pesticide	beta-BHC	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Bolstar	n/a	=	0.0625	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Bolstar	n/a	=	125	%	EPA 625.1m	-88	-88	22	160	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Bolstar	n/a	=	0.0636	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Bolstar	n/a	=	127	%	EPA 625.1m	-88	-88	22	160	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Bolstar	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Bolstar	n/a	=	0.0574	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Bolstar	n/a	=	115	%	EPA 625.1m	-88	-88	27	162	
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-3	Lab	method blank	12/22/2022	Pesticide	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5			
2022/23-3	Lab	LCS	12/22/2022	Pesticide	Bromacil	n/a	=	4.85	µg/L	EPA 525.2	0.07	0.5			
2022/23-3	Lab	LCS, rec	12/22/2022	Pesticide	Bromacil	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS dup	12/22/2022	Pesticide	Bromacil	n/a	=	4.87	µg/L	EPA 525.2	0.07	0.5			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Pesticide	Bromacil	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS, RPD	12/22/2022	Pesticide	Bromacil	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2022/23-3	Lab	method blank	12/22/2022	Pesticide	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2022/23-3	Lab	LCS	12/22/2022	Pesticide	Butachlor	n/a	=	5.19	µg/L	EPA 525.2	0.012	0.1			
2022/23-3	Lab	LCS, rec	12/22/2022	Pesticide	Butachlor	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS dup	12/22/2022	Pesticide	Butachlor	n/a	=	5.17	µg/L	EPA 525.2	0.012	0.1			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Pesticide	Butachlor	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS, RPD	12/22/2022	Pesticide	Butachlor	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	
2022/23-3	Lab	method blank	12/22/2022	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2022/23-3	Lab	LCS	12/22/2022	Pesticide	Captan	n/a	=	4.97	µg/L	EPA 525.2	0.32	1			
2022/23-3	Lab	LCS, rec	12/22/2022	Pesticide	Captan	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS dup	12/22/2022	Pesticide	Captan	n/a	=	5.02	µg/L	EPA 525.2	0.32	1			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Pesticide	Captan	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS, RPD	12/22/2022	Pesticide	Captan	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2022/23-3	Lab	method blank	1/5/2023	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2022/23-3	Lab	method blank	12/22/2022	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2022/23-3	Lab	LCS	12/22/2022	Pesticide	Chloroprotham	n/a	=	5.22	µg/L	EPA 525.2	0.04	0.1			
2022/23-3	Lab	LCS, rec	12/22/2022	Pesticide	Chloroprotham	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS dup	12/22/2022	Pesticide	Chloroprotham	n/a	=	5.43	µg/L	EPA 525.2	0.04	0.1			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Pesticide	Chloroprotham	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS, RPD	12/22/2022	Pesticide	Chloroprotham	n/a	=	4	%	EPA 525.2	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Chlorpyrifos	n/a	=	0.0506	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Chlorpyrifos	n/a	=	101	%	EPA 625.1m	-88	-88	48	151	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Chlorpyrifos	n/a	=	0.0512	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Chlorpyrifos	n/a	=	102	%	EPA 625.1m	-88	-88	48	151	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Chlorpyrifos	n/a	=	1	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Chlorpyrifos	n/a	=	0.0545	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Chlorpyrifos	n/a	=	109	%	EPA 625.1m	-88	-88	72	144	
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Coumaphos	n/a	=	0.0613	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Coumaphos	n/a	=	123	%	EPA 625.1m	-88	-88	0.1	190	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Coumaphos	n/a	=	0.0619	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Coumaphos	n/a	=	124	%	EPA 625.1m	-88	-88	0.1	190	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Coumaphos	n/a	=	0.9	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Coumaphos	n/a	=	0.0532	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Coumaphos	n/a	=	106	%	EPA 625.1m	-88	-88	10	200	
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-3	000NONPJ	matrix spike	12/29/2022	Pesticide	Dalapon	n/a	=	8.66	µg/L	EPA 515.4	0.11	0.4			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Pesticide	Dalapon	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Pesticide	Dalapon	n/a	=	8.1	µg/L	EPA 515.4	0.11	0.4			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Pesticide	Dalapon	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Pesticide	Dalapon	n/a	=	7	%	EPA 515.4	-88	-88	0	30	
2022/23-3	Lab	method blank	12/29/2022	Pesticide	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4			
2022/23-3	Lab	LCS	12/29/2022	Pesticide	Dalapon	n/a	=	8.3	µg/L	EPA 515.4	0.11	0.4			
2022/23-3	Lab	LCS, rec	12/29/2022	Pesticide	Dalapon	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike	12/29/2022	Pesticide	DCPA (Dacthal)	n/a	=	4.3	µg/L	EPA 515.4	0.029	0.1			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Pesticide	DCPA (Dacthal)	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Pesticide	DCPA (Dacthal)	n/a	=	4.08	µg/L	EPA 515.4	0.029	0.1			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Pesticide	DCPA (Dacthal)	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Pesticide	DCPA (Dacthal)	n/a	=	5	%	EPA 515.4	-88	-88	0	30	
2022/23-3	Lab	method blank	12/29/2022	Pesticide	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1			
2022/23-3	Lab	LCS	12/29/2022	Pesticide	DCPA (Dacthal)	n/a	=	4.11	µg/L	EPA 515.4	0.029	0.1			
2022/23-3	Lab	LCS, rec	12/29/2022	Pesticide	DCPA (Dacthal)	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-3	Lab	method blank	1/5/2023	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2022/23-3	Lab	LCS	1/5/2023	Pesticide	delta-BHC	n/a	=	0.0904	µg/L	EPA 608.3	0.0019	0.005			
2022/23-3	Lab	LCS, rec	1/5/2023	Pesticide	delta-BHC	n/a	=	90	%	EPA 608.3	-88	-88	51	130	
2022/23-3	Lab	LCS dup	1/5/2023	Pesticide	delta-BHC	n/a	=	0.104	µg/L	EPA 608.3	0.0019	0.005			
2022/23-3	Lab	LCS dup, rec	1/5/2023	Pesticide	delta-BHC	n/a	=	104	%	EPA 608.3	-88	-88	51	130	
2022/23-3	Lab	LCS, RPD	1/5/2023	Pesticide	delta-BHC	n/a	=	14	%	EPA 608.3	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Demeton-O	n/a	=	0.0105	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Demeton-O	n/a	=	84	%	EPA 625.1m	-88	-88	63	151	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Demeton-O	n/a	=	0.0127	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Demeton-O	n/a	=	101	%	EPA 625.1m	-88	-88	63	151	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Demeton-O	n/a	=	18	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Demeton-O	n/a	=	0.0107	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Demeton-O	n/a	=	86	%	EPA 625.1m	-88	-88	23	121	
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Demeton-S	n/a	=	0.0459	µg/L	EPA 625.1m	0.0014	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Demeton-S	n/a	=	122	%	EPA 625.1m	-88	-88	0.1	204	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Demeton-S	n/a	=	0.0455	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Demeton-S	n/a	=	121	%	EPA 625.1m	-88	-88	0.1	204	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Demeton-S	n/a	=	0.9	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Demeton-S	n/a	=	0.0431	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Demeton-S	n/a	=	115	%	EPA 625.1m	-88	-88	53	147	
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Diazinon	n/a	=	0.0411	µg/L	EPA 625.1m	0.001	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Diazinon	n/a	=	82	%	EPA 625.1m	-88	-88	46	139	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Diazinon	n/a	=	0.0386	µg/L	EPA 625.1m	0.001	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Diazinon	n/a	=	77	%	EPA 625.1m	-88	-88	46	139	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Diazinon	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Diazinon	n/a	=	0.0366	µg/L	EPA 625.1m	0.001	0.01			EUM
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Diazinon	n/a	=	73	%	EPA 625.1m	-88	-88	75	150	EUM
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01			
2022/23-3	Lab	method blank	12/22/2022	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2022/23-3	Lab	LCS	12/22/2022	Pesticide	Diazinon	n/a	=	4.63	µg/L	EPA 525.2	0.022	0.1			
2022/23-3	Lab	LCS, rec	12/22/2022	Pesticide	Diazinon	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2022/23-3	Lab	LCS dup	12/22/2022	Pesticide	Diazinon	n/a	=	4.63	µg/L	EPA 525.2	0.022	0.1			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Pesticide	Diazinon	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2022/23-3	Lab	LCS, RPD	12/22/2022	Pesticide	Diazinon	n/a	=	0.06	%	EPA 525.2	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/29/2022	Pesticide	Dicamba	n/a	=	8.23	µg/L	EPA 515.4	0.049	0.6			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Pesticide	Dicamba	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Pesticide	Dicamba	n/a	=	7.99	µg/L	EPA 515.4	0.049	0.6			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Pesticide	Dicamba	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Pesticide	Dicamba	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2022/23-3	Lab	method blank	12/29/2022	Pesticide	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6			
2022/23-3	Lab	LCS	12/29/2022	Pesticide	Dicamba	n/a	=	8.1	µg/L	EPA 515.4	0.049	0.6			
2022/23-3	Lab	LCS, rec	12/29/2022	Pesticide	Dicamba	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike	12/29/2022	Pesticide	Dichlorprop	n/a	=	8.57	µg/L	EPA 515.4	0.12	0.3			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Pesticide	Dichlorprop	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Pesticide	Dichlorprop	n/a	=	8.24	µg/L	EPA 515.4	0.12	0.3			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Pesticide	Dichlorprop	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Pesticide	Dichlorprop	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2022/23-3	Lab	method blank	12/29/2022	Pesticide	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3			
2022/23-3	Lab	LCS	12/29/2022	Pesticide	Dichlorprop	n/a	=	8.45	µg/L	EPA 515.4	0.12	0.3			
2022/23-3	Lab	LCS, rec	12/29/2022	Pesticide	Dichlorprop	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Dichlorvos	n/a	=	0.0592	µg/L	EPA 625.1m	0.0009	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Dichlorvos	n/a	=	116	%	EPA 625.1m	-88	-88	52	132	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Dichlorvos	n/a	=	0.056	µg/L	EPA 625.1m	0.0009	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Dichlorvos	n/a	=	110	%	EPA 625.1m	-88	-88	52	132	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Dichlorvos	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Dichlorvos	n/a	=	0.0643	µg/L	EPA 625.1m	0.0009	0.01			EUM
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Dichlorvos	n/a	=	129	%	EPA 625.1m	-88	-88	39	118	EUM
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	0.01			
2022/23-3	Lab	method blank	1/5/2023	Pesticide	Dieldrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2022/23-3	Lab	LCS	1/5/2023	Pesticide	Dieldrin	n/a	=	0.0773	µg/L	EPA 608.3	0.0017	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	LCS, rec	1/5/2023	Pesticide	Dieldrin	n/a	=	77	%	EPA 608.3	-88	-88	58	130	
2022/23-3	Lab	LCS dup	1/5/2023	Pesticide	Dieldrin	n/a	=	0.0798	µg/L	EPA 608.3	0.0017	0.01			
2022/23-3	Lab	LCS dup, rec	1/5/2023	Pesticide	Dieldrin	n/a	=	80	%	EPA 608.3	-88	-88	58	130	
2022/23-3	Lab	LCS, RPD	1/5/2023	Pesticide	Dieldrin	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Dimethoate	n/a	=	0.151	µg/L	EPA 625.1m	0.0027	0.01			GB
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Dimethoate	n/a	=	302	%	EPA 625.1m	-88	-88	0.1	208	GB
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Dimethoate	n/a	=	0.155	µg/L	EPA 625.1m	0.0027	0.01			GB
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Dimethoate	n/a	=	310	%	EPA 625.1m	-88	-88	0.1	208	GB
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Dimethoate	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Dimethoate	n/a	=	0.0616	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Dimethoate	n/a	=	123	%	EPA 625.1m	-88	-88	10	200	
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-3	Lab	method blank	12/22/2022	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2022/23-3	Lab	LCS	12/22/2022	Pesticide	Dimethoate	n/a	=	4.02	µg/L	EPA 525.2	0.02	0.2			
2022/23-3	Lab	LCS, rec	12/22/2022	Pesticide	Dimethoate	n/a	=	80	%	EPA 525.2	-88	-88	50	120	
2022/23-3	Lab	LCS dup	12/22/2022	Pesticide	Dimethoate	n/a	=	4.68	µg/L	EPA 525.2	0.02	0.2			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Pesticide	Dimethoate	n/a	=	94	%	EPA 525.2	-88	-88	50	120	
2022/23-3	Lab	LCS, RPD	12/22/2022	Pesticide	Dimethoate	n/a	=	15	%	EPA 525.2	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/29/2022	Pesticide	Dinoseb	n/a	=	4.4	µg/L	EPA 515.4	0.033	0.4			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Pesticide	Dinoseb	n/a	=	110	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Pesticide	Dinoseb	n/a	=	4.14	µg/L	EPA 515.4	0.033	0.4			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Pesticide	Dinoseb	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Pesticide	Dinoseb	n/a	=	6	%	EPA 515.4	-88	-88	0	30	
2022/23-3	Lab	method blank	12/29/2022	Pesticide	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4			
2022/23-3	Lab	LCS	12/29/2022	Pesticide	Dinoseb	n/a	=	4.24	µg/L	EPA 515.4	0.033	0.4			
2022/23-3	Lab	LCS, rec	12/29/2022	Pesticide	Dinoseb	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2022/23-3	Lab	method blank	12/22/2022	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-3	Lab	LCS	12/22/2022	Pesticide	Diphenamid	n/a	=	5.79	µg/L	EPA 525.2	0.03	0.1			
2022/23-3	Lab	LCS, rec	12/22/2022	Pesticide	Diphenamid	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS dup	12/22/2022	Pesticide	Diphenamid	n/a	=	5.55	µg/L	EPA 525.2	0.03	0.1			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Pesticide	Diphenamid	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS, RPD	12/22/2022	Pesticide	Diphenamid	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Disulfoton	n/a	=	0.0548	µg/L	EPA 625.1m	0.0017	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Disulfoton	n/a	=	110	%	EPA 625.1m	-88	-88	33	172	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Disulfoton	n/a	=	0.0542	µg/L	EPA 625.1m	0.0017	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Disulfoton	n/a	=	108	%	EPA 625.1m	-88	-88	33	172	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Disulfoton	n/a	=	1	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Disulfoton	n/a	=	0.0514	µg/L	EPA 625.1m	0.0017	0.01			
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Disulfoton	n/a	=	103	%	EPA 625.1m	-88	-88	65	121	
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01			
2022/23-3	Lab	method blank	12/22/2022	Pesticide	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2022/23-3	Lab	LCS	12/22/2022	Pesticide	Disulfoton	n/a	=	4.95	µg/L	EPA 525.2	0.015	0.1			
2022/23-3	Lab	LCS, rec	12/22/2022	Pesticide	Disulfoton	n/a	=	99	%	EPA 525.2	-88	-88	50	120	
2022/23-3	Lab	LCS dup	12/22/2022	Pesticide	Disulfoton	n/a	=	4.85	µg/L	EPA 525.2	0.015	0.1			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Pesticide	Disulfoton	n/a	=	97	%	EPA 525.2	-88	-88	50	120	
2022/23-3	Lab	LCS, RPD	12/22/2022	Pesticide	Disulfoton	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-3	Lab	method blank	1/5/2023	Pesticide	Endosulfan I	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	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	
2022/23-3	Lab	LCS	1/5/2023	Pesticide	Endosulfan I	n/a	=	0.0691	µg/L	EPA 608.3	0.0019	0.02			
2022/23-3	Lab	LCS, rec	1/5/2023	Pesticide	Endosulfan I	n/a	=	69	%	EPA 608.3	-88	-88	57	141	
2022/23-3	Lab	LCS dup	1/5/2023	Pesticide	Endosulfan I	n/a	=	0.072	µg/L	EPA 608.3	0.0019	0.02			
2022/23-3	Lab	LCS dup, rec	1/5/2023	Pesticide	Endosulfan I	n/a	=	72	%	EPA 608.3	-88	-88	57	141	
2022/23-3	Lab	LCS, RPD	1/5/2023	Pesticide	Endosulfan I	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2022/23-3	Lab	method blank	1/5/2023	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2022/23-3	Lab	LCS	1/5/2023	Pesticide	Endosulfan II	n/a	=	0.0837	µg/L	EPA 608.3	0.0019	0.01			
2022/23-3	Lab	LCS, rec	1/5/2023	Pesticide	Endosulfan II	n/a	=	84	%	EPA 608.3	-88	-88	22	171	
2022/23-3	Lab	LCS dup	1/5/2023	Pesticide	Endosulfan II	n/a	=	0.0861	µg/L	EPA 608.3	0.0019	0.01			
2022/23-3	Lab	LCS dup, rec	1/5/2023	Pesticide	Endosulfan II	n/a	=	86	%	EPA 608.3	-88	-88	22	171	
2022/23-3	Lab	LCS, RPD	1/5/2023	Pesticide	Endosulfan II	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2022/23-3	Lab	method blank	1/5/2023	Pesticide	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05			
2022/23-3	Lab	LCS	1/5/2023	Pesticide	Endosulfan sulfate	n/a	=	0.108	µg/L	EPA 608.3	0.0013	0.05			
2022/23-3	Lab	LCS, rec	1/5/2023	Pesticide	Endosulfan sulfate	n/a	=	108	%	EPA 608.3	-88	-88	38	132	
2022/23-3	Lab	LCS dup	1/5/2023	Pesticide	Endosulfan sulfate	n/a	=	0.11	µg/L	EPA 608.3	0.0013	0.05			
2022/23-3	Lab	LCS dup, rec	1/5/2023	Pesticide	Endosulfan sulfate	n/a	=	110	%	EPA 608.3	-88	-88	38	132	
2022/23-3	Lab	LCS, RPD	1/5/2023	Pesticide	Endosulfan sulfate	n/a	=	2	%	EPA 608.3	-88	-88	0	30	
2022/23-3	Lab	method blank	1/5/2023	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2022/23-3	Lab	LCS	1/5/2023	Pesticide	Endrin	n/a	=	0.0923	µg/L	EPA 608.3	0.0017	0.01			
2022/23-3	Lab	LCS, rec	1/5/2023	Pesticide	Endrin	n/a	=	92	%	EPA 608.3	-88	-88	51	130	
2022/23-3	Lab	LCS dup	1/5/2023	Pesticide	Endrin	n/a	=	0.0947	µg/L	EPA 608.3	0.0017	0.01			
2022/23-3	Lab	LCS dup, rec	1/5/2023	Pesticide	Endrin	n/a	=	95	%	EPA 608.3	-88	-88	51	130	
2022/23-3	Lab	LCS, RPD	1/5/2023	Pesticide	Endrin	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2022/23-3	Lab	method blank	1/5/2023	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2022/23-3	Lab	LCS	1/5/2023	Pesticide	Endrin aldehyde	n/a	=	0.0777	µg/L	EPA 608.3	0.0019	0.01			
2022/23-3	Lab	LCS, rec	1/5/2023	Pesticide	Endrin aldehyde	n/a	=	78	%	EPA 608.3	-88	-88	18	130	
2022/23-3	Lab	LCS dup	1/5/2023	Pesticide	Endrin aldehyde	n/a	=	0.0795	µg/L	EPA 608.3	0.0019	0.01			
2022/23-3	Lab	LCS dup, rec	1/5/2023	Pesticide	Endrin aldehyde	n/a	=	79	%	EPA 608.3	-88	-88	18	130	
2022/23-3	Lab	LCS, RPD	1/5/2023	Pesticide	Endrin aldehyde	n/a	=	2	%	EPA 608.3	-88	-88	0	30	
2022/23-3	Lab	method blank	1/5/2023	Pesticide	Endrin ketone	n/a	<	0.004	µg/L	EPA 608.3	0.004	0.05			
2022/23-3	Lab	LCS	1/5/2023	Pesticide	Endrin ketone	n/a	=	0.1	µg/L	EPA 608.3	0.004	0.05			
2022/23-3	Lab	LCS, rec	1/5/2023	Pesticide	Endrin ketone	n/a	=	100	%	EPA 608.3	-88	-88	0	200	
2022/23-3	Lab	LCS dup	1/5/2023	Pesticide	Endrin ketone	n/a	=	0.103	µg/L	EPA 608.3	0.004	0.05			
2022/23-3	Lab	LCS dup, rec	1/5/2023	Pesticide	Endrin ketone	n/a	=	103	%	EPA 608.3	-88	-88	0	200	
2022/23-3	Lab	LCS, RPD	1/5/2023	Pesticide	Endrin ketone	n/a	=	2	%	EPA 608.3	-88	-88	0	200	
2022/23-3	Lab	method blank	12/22/2022	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-3	Lab	LCS	12/22/2022	Pesticide	EPTC	n/a	=	5.47	µg/L	EPA 525.2	0.02	0.1			
2022/23-3	Lab	LCS, rec	12/22/2022	Pesticide	EPTC	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS dup	12/22/2022	Pesticide	EPTC	n/a	=	5.49	µg/L	EPA 525.2	0.02	0.1			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Pesticide	EPTC	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS, RPD	12/22/2022	Pesticide	EPTC	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Ethoprop	n/a	=	0.0481	µg/L	EPA 625.1m	0.0006	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Ethoprop	n/a	=	96	%	EPA 625.1m	-88	-88	50	150	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Ethoprop	n/a	=	0.0449	µg/L	EPA 625.1m	0.0006	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Ethoprop	n/a	=	90	%	EPA 625.1m	-88	-88	50	150	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Ethoprop	n/a	=	7	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Ethoprop	n/a	=	0.0458	µg/L	EPA 625.1m	0.0006	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Ethoprop	n/a	=	92	%	EPA 625.1m	-88	-88	76	165	
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01			
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Ethyl parathion	n/a	=	0.0495	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Ethyl parathion	n/a	=	99	%	EPA 625.1m	-88	-88	26	201	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Ethyl parathion	n/a	=	0.0518	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Ethyl parathion	n/a	=	104	%	EPA 625.1m	-88	-88	26	201	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Ethyl parathion	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Ethyl parathion	n/a	=	0.0596	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Ethyl parathion	n/a	=	119	%	EPA 625.1m	-88	-88	61	139	
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Fensulfothion	n/a	=	0.0928	µg/L	EPA 625.1m	0.0029	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Fensulfothion	n/a	=	186	%	EPA 625.1m	-88	-88	0.1	231	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Fensulfothion	n/a	=	0.0906	µg/L	EPA 625.1m	0.0029	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Fensulfothion	n/a	=	181	%	EPA 625.1m	-88	-88	0.1	231	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Fensulfothion	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Fensulfothion	n/a	=	0.052	µg/L	EPA 625.1m	0.0029	0.01			
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Fensulfothion	n/a	=	104	%	EPA 625.1m	-88	-88	10	200	
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01			
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Fenthion	n/a	=	0.0486	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Fenthion	n/a	=	97	%	EPA 625.1m	-88	-88	27	164	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Fenthion	n/a	=	0.0478	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Fenthion	n/a	=	96	%	EPA 625.1m	-88	-88	27	164	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Fenthion	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Fenthion	n/a	=	0.0471	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Fenthion	n/a	=	94	%	EPA 625.1m	-88	-88	77	165	
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-3	Lab	method blank	1/5/2023	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.02			
2022/23-3	Lab	LCS	1/5/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0806	µg/L	EPA 608.3	0.0015	0.02			
2022/23-3	Lab	LCS, rec	1/5/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	81	%	EPA 608.3	-88	-88	43	130	
2022/23-3	Lab	LCS dup	1/5/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0865	µg/L	EPA 608.3	0.0015	0.02			
2022/23-3	Lab	LCS dup, rec	1/5/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	87	%	EPA 608.3	-88	-88	43	130	
2022/23-3	Lab	LCS, RPD	1/5/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	7	%	EPA 608.3	-88	-88	0	30	
2022/23-3	Lab	method blank	1/5/2023	Pesticide	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2022/23-3	Lab	LCS	1/5/2023	Pesticide	gamma-Chlordane	n/a	=	0.085	µg/L	EPA 608.3	0.0023	0.01			
2022/23-3	Lab	LCS, rec	1/5/2023	Pesticide	gamma-Chlordane	n/a	=	85	%	EPA 608.3	-88	-88	49	106	
2022/23-3	Lab	LCS dup	1/5/2023	Pesticide	gamma-Chlordane	n/a	=	0.0882	µg/L	EPA 608.3	0.0023	0.01			
2022/23-3	Lab	LCS dup, rec	1/5/2023	Pesticide	gamma-Chlordane	n/a	=	88	%	EPA 608.3	-88	-88	49	106	
2022/23-3	Lab	LCS, RPD	1/5/2023	Pesticide	gamma-Chlordane	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/15/2022	Pesticide	Glyphosate	n/a	=	27.4	µg/L	EPA 547	1.8	5			
2022/23-3	000NONPJ	matrix spike, rec	12/15/2022	Pesticide	Glyphosate	n/a	=	78	%	EPA 547	-88	-88	41	149	
2022/23-3	000NONPJ	matrix spike dup	12/15/2022	Pesticide	Glyphosate	n/a	=	32.2	µg/L	EPA 547	1.8	5			
2022/23-3	000NONPJ	matrix spike dup, rec	12/15/2022	Pesticide	Glyphosate	n/a	=	98	%	EPA 547	-88	-88	41	149	
2022/23-3	000NONPJ	matrix spike, RPD	12/15/2022	Pesticide	Glyphosate	n/a	=	16	%	EPA 547	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/15/2022	Pesticide	Glyphosate	n/a	=	28.6	µg/L	EPA 547	1.8	5			
2022/23-3	000NONPJ	matrix spike, rec	12/15/2022	Pesticide	Glyphosate	n/a	=	90	%	EPA 547	-88	-88	41	149	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Glyphosate	n/a	=	29	µg/L	EPA 547	1.8	5			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Glyphosate	n/a	=	92	%	EPA 547	-88	-88	41	149	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Glyphosate	n/a	=	2	%	EPA 547	-88	-88	0	30	
2022/23-3	Lab	method blank	12/15/2022	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Glyphosate	n/a	=	24	µg/L	EPA 547	1.8	5			
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Glyphosate	n/a	=	96	%	EPA 547	-88	-88	70	130	
2022/23-3	Lab	method blank	1/5/2023	Pesticide	Heptachlor	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2022/23-3	Lab	LCS	1/5/2023	Pesticide	Heptachlor	n/a	=	0.0799	µg/L	EPA 608.3	0.0023	0.01			
2022/23-3	Lab	LCS, rec	1/5/2023	Pesticide	Heptachlor	n/a	=	80	%	EPA 608.3	-88	-88	43	130	
2022/23-3	Lab	LCS dup	1/5/2023	Pesticide	Heptachlor	n/a	=	0.0834	µg/L	EPA 608.3	0.0023	0.01			
2022/23-3	Lab	LCS dup, rec	1/5/2023	Pesticide	Heptachlor	n/a	=	83	%	EPA 608.3	-88	-88	43	130	
2022/23-3	Lab	LCS, RPD	1/5/2023	Pesticide	Heptachlor	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2022/23-3	Lab	method blank	1/5/2023	Pesticide	Heptachlor epoxide	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.01			
2022/23-3	Lab	LCS	1/5/2023	Pesticide	Heptachlor epoxide	n/a	=	0.0896	µg/L	EPA 608.3	0.0018	0.01			
2022/23-3	Lab	LCS, rec	1/5/2023	Pesticide	Heptachlor epoxide	n/a	=	90	%	EPA 608.3	-88	-88	57	132	
2022/23-3	Lab	LCS dup	1/5/2023	Pesticide	Heptachlor epoxide	n/a	=	0.0952	µg/L	EPA 608.3	0.0018	0.01			
2022/23-3	Lab	LCS dup, rec	1/5/2023	Pesticide	Heptachlor epoxide	n/a	=	95	%	EPA 608.3	-88	-88	57	132	
2022/23-3	Lab	LCS, RPD	1/5/2023	Pesticide	Heptachlor epoxide	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Malathion	n/a	=	0.0765	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Malathion	n/a	=	146	%	EPA 625.1m	-88	-88	15	161	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Malathion	n/a	=	0.0752	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Malathion	n/a	=	143	%	EPA 625.1m	-88	-88	15	161	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Malathion	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Malathion	n/a	=	0.0597	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Malathion	n/a	=	119	%	EPA 625.1m	-88	-88	59	200	
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Merphos	n/a	=	0.0593	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Merphos	n/a	=	119	%	EPA 625.1m	-88	-88	4	191	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Merphos	n/a	=	0.0593	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Merphos	n/a	=	119	%	EPA 625.1m	-88	-88	4	191	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Merphos	n/a	=	0.02	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Merphos	n/a	=	0.0572	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Merphos	n/a	=	114	%	EPA 625.1m	-88	-88	32	200	
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-3	Lab	method blank	1/5/2023	Pesticide	Methoxychlor	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02			
2022/23-3	Lab	LCS	1/5/2023	Pesticide	Methoxychlor	n/a	=	0.0927	µg/L	EPA 608.3	0.0038	0.02			
2022/23-3	Lab	LCS, rec	1/5/2023	Pesticide	Methoxychlor	n/a	=	93	%	EPA 608.3	-88	-88	50	130	
2022/23-3	Lab	LCS dup	1/5/2023	Pesticide	Methoxychlor	n/a	=	0.109	µg/L	EPA 608.3	0.0038	0.02			
2022/23-3	Lab	LCS dup, rec	1/5/2023	Pesticide	Methoxychlor	n/a	=	109	%	EPA 608.3	-88	-88	50	130	
2022/23-3	Lab	LCS, RPD	1/5/2023	Pesticide	Methoxychlor	n/a	=	16	%	EPA 608.3	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Methyl parathion	n/a	=	0.0535	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Methyl parathion	n/a	=	107	%	EPA 625.1m	-88	-88	10	213	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Methyl parathion	n/a	=	0.0555	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Methyl parathion	n/a	=	111	%	EPA 625.1m	-88	-88	10	213	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Methyl parathion	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Methyl parathion	n/a	=	0.0563	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Methyl parathion	n/a	=	113	%	EPA 625.1m	-88	-88	64	154	
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-3	Lab	method blank	12/22/2022	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	LCS	12/22/2022	Pesticide	Metolachlor	n/a	=	5.27	µg/L	EPA 525.2	0.03	0.1			
2022/23-3	Lab	LCS, rec	12/22/2022	Pesticide	Metolachlor	n/a	=	105	%	EPA 525.2	-88	-88	60	130	
2022/23-3	Lab	LCS dup	12/22/2022	Pesticide	Metolachlor	n/a	=	5.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Pesticide	Metolachlor	n/a	=	101	%	EPA 525.2	-88	-88	60	130	
2022/23-3	Lab	LCS, RPD	12/22/2022	Pesticide	Metolachlor	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2022/23-3	Lab	method blank	12/22/2022	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-3	Lab	LCS	12/22/2022	Pesticide	Metribuzin	n/a	=	4.61	µg/L	EPA 525.2	0.03	0.1			
2022/23-3	Lab	LCS, rec	12/22/2022	Pesticide	Metribuzin	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2022/23-3	Lab	LCS dup	12/22/2022	Pesticide	Metribuzin	n/a	=	4.99	µg/L	EPA 525.2	0.03	0.1			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Pesticide	Metribuzin	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2022/23-3	Lab	LCS, RPD	12/22/2022	Pesticide	Metribuzin	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Mevinphos	n/a	=	0.0744	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Mevinphos	n/a	=	149	%	EPA 625.1m	-88	-88	0.1	204	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Mevinphos	n/a	=	0.0681	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Mevinphos	n/a	=	136	%	EPA 625.1m	-88	-88	0.1	204	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Mevinphos	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Mevinphos	n/a	=	0.0557	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Mevinphos	n/a	=	111	%	EPA 625.1m	-88	-88	26	177	
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01			
2022/23-3	Lab	method blank	1/5/2023	Pesticide	Mirex	n/a	<	0.0012	µg/L	EPA 608.3	0.0012	0.01			
2022/23-3	Lab	method blank	12/22/2022	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-3	Lab	LCS	12/22/2022	Pesticide	Molinate	n/a	=	5.23	µg/L	EPA 525.2	0.03	0.1			
2022/23-3	Lab	LCS, rec	12/22/2022	Pesticide	Molinate	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS dup	12/22/2022	Pesticide	Molinate	n/a	=	5.36	µg/L	EPA 525.2	0.03	0.1			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Pesticide	Molinate	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS, RPD	12/22/2022	Pesticide	Molinate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Naled	n/a	=	0.0691	µg/L	EPA 625.1m	0.0007	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Naled	n/a	=	138	%	EPA 625.1m	-88	-88	0.1	206	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Naled	n/a	=	0.0631	µg/L	EPA 625.1m	0.0007	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Naled	n/a	=	126	%	EPA 625.1m	-88	-88	0.1	206	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Naled	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Naled	n/a	=	0.0456	µg/L	EPA 625.1m	0.0007	0.01			
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Naled	n/a	=	91	%	EPA 625.1m	-88	-88	10	200	
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01			
2022/23-3	000NONPJ	matrix spike	12/29/2022	Pesticide	Pentachlorophenol	n/a	=	3.69	µg/L	EPA 515.4	0.046	0.2			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Pesticide	Pentachlorophenol	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Pesticide	Pentachlorophenol	n/a	=	3.48	µg/L	EPA 515.4	0.046	0.2			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Pesticide	Pentachlorophenol	n/a	=	87	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Pesticide	Pentachlorophenol	n/a	=	6	%	EPA 515.4	-88	-88	0	30	
2022/23-3	Lab	method blank	12/29/2022	Pesticide	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2022/23-3	Lab	LCS	12/29/2022	Pesticide	Pentachlorophenol	n/a	=	3.86	µg/L	EPA 515.4	0.046	0.2			
2022/23-3	Lab	LCS, rec	12/29/2022	Pesticide	Pentachlorophenol	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2022/23-3	Lab	method blank	1/9/2023	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2022/23-3	Lab	LCS	1/9/2023	Pesticide	Pentachlorophenol	n/a	=	16.8	µg/L	EPA 8270C	0.15	1			
2022/23-3	Lab	LCS, rec	1/9/2023	Pesticide	Pentachlorophenol	n/a	=	84	%	EPA 8270C	-88	-88	29	106	
2022/23-3	Lab	LCS dup	1/9/2023	Pesticide	Pentachlorophenol	n/a	=	17.7	µg/L	EPA 8270C	0.15	1			
2022/23-3	Lab	LCS dup, rec	1/9/2023	Pesticide	Pentachlorophenol	n/a	=	89	%	EPA 8270C	-88	-88	29	106	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	LCS, RPD	1/9/2023	Pesticide	Pentachlorophenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2022/23-3	Lab	LCS	1/19/2023	Pesticide	Pentachlorophenol	n/a	=	17	µg/L	EPA 625.1	0.4	1			
2022/23-3	Lab	LCS, rec	1/19/2023	Pesticide	Pentachlorophenol	n/a	=	85	%	EPA 625.1	-88	-88	41	120	
2022/23-3	Lab	LCS dup	1/19/2023	Pesticide	Pentachlorophenol	n/a	=	17.2	µg/L	EPA 625.1	0.4	1			
2022/23-3	Lab	LCS dup, rec	1/19/2023	Pesticide	Pentachlorophenol	n/a	=	86	%	EPA 625.1	-88	-88	41	120	
2022/23-3	Lab	LCS, RPD	1/19/2023	Pesticide	Pentachlorophenol	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2022/23-3	Lab	method blank	1/19/2023	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Phorate	n/a	=	0.0552	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Phorate	n/a	=	110	%	EPA 625.1m	-88	-88	33	172	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Phorate	n/a	=	0.0542	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Phorate	n/a	=	108	%	EPA 625.1m	-88	-88	33	172	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Phorate	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Phorate	n/a	=	0.0532	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Phorate	n/a	=	106	%	EPA 625.1m	-88	-88	61	135	
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-3	000NONPJ	matrix spike	12/29/2022	Pesticide	Picloram	n/a	=	4.42	µg/L	EPA 515.4	0.05	0.6			
2022/23-3	000NONPJ	matrix spike, rec	12/29/2022	Pesticide	Picloram	n/a	=	111	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike dup	12/29/2022	Pesticide	Picloram	n/a	=	4.26	µg/L	EPA 515.4	0.05	0.6			
2022/23-3	000NONPJ	matrix spike dup, rec	12/29/2022	Pesticide	Picloram	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2022/23-3	000NONPJ	matrix spike, RPD	12/29/2022	Pesticide	Picloram	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2022/23-3	Lab	method blank	12/29/2022	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6			
2022/23-3	Lab	LCS	12/29/2022	Pesticide	Picloram	n/a	=	4.26	µg/L	EPA 515.4	0.05	0.6			
2022/23-3	Lab	LCS, rec	12/29/2022	Pesticide	Picloram	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2022/23-3	Lab	method blank	12/22/2022	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-3	Lab	LCS	12/22/2022	Pesticide	Prometryn	n/a	=	2.7	µg/L	EPA 525.2	0.03	0.1			
2022/23-3	Lab	LCS, rec	12/22/2022	Pesticide	Prometryn	n/a	=	54	%	EPA 525.2	-88	-88	30	120	
2022/23-3	Lab	LCS dup	12/22/2022	Pesticide	Prometryn	n/a	=	2.57	µg/L	EPA 525.2	0.03	0.1			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Pesticide	Prometryn	n/a	=	51	%	EPA 525.2	-88	-88	30	120	
2022/23-3	Lab	LCS, RPD	12/22/2022	Pesticide	Prometryn	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2022/23-3	Lab	method blank	12/22/2022	Pesticide	Propachlor	n/a	<	0.081	µg/L	EPA 525.2	0.081	0.2			
2022/23-3	Lab	LCS	12/22/2022	Pesticide	Propachlor	n/a	DNQ	2.79	µg/L	EPA 525.2	0.081	0.2			
2022/23-3	Lab	LCS, rec	12/22/2022	Pesticide	Propachlor	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS dup	12/22/2022	Pesticide	Propachlor	n/a	DNQ	2.9	µg/L	EPA 525.2	0.081	0.2			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Pesticide	Propachlor	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS, RPD	12/22/2022	Pesticide	Propachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0455	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	91	%	EPA 625.1m	-88	-88	36	145	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0457	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	91	%	EPA 625.1m	-88	-88	36	145	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.3	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0509	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Ronnel (Fenclorphos)	n/a	=	102	%	EPA 625.1m	-88	-88	63	129	
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-3	Lab	method blank	12/22/2022	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-3	Lab	LCS	12/22/2022	Pesticide	Simazine	n/a	=	3.78	µg/L	EPA 525.2	0.02	0.1			
2022/23-3	Lab	LCS, rec	12/22/2022	Pesticide	Simazine	n/a	=	76	%	EPA 525.2	-88	-88	60	130	
2022/23-3	Lab	LCS dup	12/22/2022	Pesticide	Simazine	n/a	=	3.67	µg/L	EPA 525.2	0.02	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-3	Lab	LCS dup, rec	12/22/2022	Pesticide	Simazine	n/a	=	73	%	EPA 525.2	-88	-88	60	130	
2022/23-3	Lab	LCS, RPD	12/22/2022	Pesticide	Simazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0629	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	126	%	EPA 625.1m	-88	-88	0.1	158	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0614	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	123	%	EPA 625.1m	-88	-88	0.1	158	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0595	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	119	%	EPA 625.1m	-88	-88	71	184	
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-3	Lab	method blank	12/22/2022	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2022/23-3	Lab	LCS	12/22/2022	Pesticide	Terbacil	n/a	=	4.75	µg/L	EPA 525.2	0.09	2			
2022/23-3	Lab	LCS, rec	12/22/2022	Pesticide	Terbacil	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS dup	12/22/2022	Pesticide	Terbacil	n/a	=	5.25	µg/L	EPA 525.2	0.09	2			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Pesticide	Terbacil	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS, RPD	12/22/2022	Pesticide	Terbacil	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2022/23-3	Lab	method blank	12/22/2022	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-3	Lab	LCS	12/22/2022	Pesticide	Thiobencarb	n/a	=	5.14	µg/L	EPA 525.2	0.03	0.1			
2022/23-3	Lab	LCS, rec	12/22/2022	Pesticide	Thiobencarb	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS dup	12/22/2022	Pesticide	Thiobencarb	n/a	=	4.94	µg/L	EPA 525.2	0.03	0.1			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Pesticide	Thiobencarb	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS, RPD	12/22/2022	Pesticide	Thiobencarb	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Tokuthion	n/a	=	0.0514	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Tokuthion	n/a	=	103	%	EPA 625.1m	-88	-88	35	145	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Tokuthion	n/a	=	0.0523	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Tokuthion	n/a	=	105	%	EPA 625.1m	-88	-88	35	145	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Tokuthion	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Tokuthion	n/a	=	0.0565	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Tokuthion	n/a	=	113	%	EPA 625.1m	-88	-88	69	149	
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-3	Lab	method blank	1/5/2023	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2022/23-3	000NONPJ	matrix spike	12/16/2022	Pesticide	Trichloronate	n/a	=	0.0488	µg/L	EPA 625.1m	0.0016	0.01			
2022/23-3	000NONPJ	matrix spike, rec	12/16/2022	Pesticide	Trichloronate	n/a	=	98	%	EPA 625.1m	-88	-88	52	133	
2022/23-3	000NONPJ	matrix spike dup	12/16/2022	Pesticide	Trichloronate	n/a	=	0.0487	µg/L	EPA 625.1m	0.0016	0.01			
2022/23-3	000NONPJ	matrix spike dup, rec	12/16/2022	Pesticide	Trichloronate	n/a	=	97	%	EPA 625.1m	-88	-88	52	133	
2022/23-3	000NONPJ	matrix spike, RPD	12/16/2022	Pesticide	Trichloronate	n/a	=	0.2	%	EPA 625.1m	-88	-88	0	30	
2022/23-3	Lab	LCS	12/15/2022	Pesticide	Trichloronate	n/a	=	0.0542	µg/L	EPA 625.1m	0.0016	0.01			
2022/23-3	Lab	LCS, rec	12/15/2022	Pesticide	Trichloronate	n/a	=	108	%	EPA 625.1m	-88	-88	67	134	
2022/23-3	Lab	method blank	12/16/2022	Pesticide	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01			
2022/23-3	Lab	method blank	12/22/2022	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-3	Lab	LCS	12/22/2022	Pesticide	Trithion	n/a	=	4.74	µg/L	EPA 525.2	0.02	0.1			
2022/23-3	Lab	LCS, rec	12/22/2022	Pesticide	Trithion	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS dup	12/22/2022	Pesticide	Trithion	n/a	=	4.62	µg/L	EPA 525.2	0.02	0.1			
2022/23-3	Lab	LCS dup, rec	12/22/2022	Pesticide	Trithion	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2022/23-3	Lab	LCS, RPD	12/22/2022	Pesticide	Trithion	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/7/2023	Anion	Chloride	n/a	=	241	mg/L	EPA 300.0	1.9	5			
2022/23-4	000NONPJ	matrix spike, rec	3/7/2023	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	76	118	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	000NONPJ	matrix spike dup	3/7/2023	Anion	Chloride	n/a	=	244	mg/L	EPA 300.0	1.9	5			
2022/23-4	000NONPJ	matrix spike dup, rec	3/7/2023	Anion	Chloride	n/a	=	100	%	EPA 300.0	-88	-88	76	118	
2022/23-4	000NONPJ	matrix spike, RPD	3/7/2023	Anion	Chloride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	
2022/23-4	000NONPJ	matrix spike	3/7/2023	Anion	Chloride	n/a	=	223	mg/L	EPA 300.0	1.9	5			
2022/23-4	000NONPJ	matrix spike, rec	3/7/2023	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	76	118	
2022/23-4	000NONPJ	matrix spike dup	3/7/2023	Anion	Chloride	n/a	=	225	mg/L	EPA 300.0	1.9	5			
2022/23-4	000NONPJ	matrix spike dup, rec	3/7/2023	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	76	118	
2022/23-4	000NONPJ	matrix spike, RPD	3/7/2023	Anion	Chloride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	
2022/23-4	Lab	method blank	3/6/2023	Anion	Chloride	n/a	<	0.19	mg/L	EPA 300.0	0.19	0.5			
2022/23-4	Lab	LCS	3/6/2023	Anion	Chloride	n/a	=	20.1	mg/L	EPA 300.0	0.19	0.5			
2022/23-4	Lab	LCS, rec	3/6/2023	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike	3/7/2023	Anion	Fluoride	n/a	=	19.7	mg/L	EPA 300.0	0.09	1			
2022/23-4	000NONPJ	matrix spike, rec	3/7/2023	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	86	107	
2022/23-4	000NONPJ	matrix spike dup	3/7/2023	Anion	Fluoride	n/a	=	19.6	mg/L	EPA 300.0	0.09	1			
2022/23-4	000NONPJ	matrix spike dup, rec	3/7/2023	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	86	107	
2022/23-4	000NONPJ	matrix spike, RPD	3/7/2023	Anion	Fluoride	n/a	=	0.7	%	EPA 300.0	-88	-88	0	20	
2022/23-4	000NONPJ	matrix spike	3/7/2023	Anion	Fluoride	n/a	=	19.4	mg/L	EPA 300.0	0.09	1			
2022/23-4	000NONPJ	matrix spike, rec	3/7/2023	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	86	107	
2022/23-4	000NONPJ	matrix spike dup	3/7/2023	Anion	Fluoride	n/a	=	19.5	mg/L	EPA 300.0	0.09	1			
2022/23-4	000NONPJ	matrix spike dup, rec	3/7/2023	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	86	107	
2022/23-4	000NONPJ	matrix spike, RPD	3/7/2023	Anion	Fluoride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	
2022/23-4	Lab	method blank	3/6/2023	Anion	Fluoride	n/a	<	0.009	mg/L	EPA 300.0	0.009	0.1			
2022/23-4	Lab	LCS	3/6/2023	Anion	Fluoride	n/a	=	2.08	mg/L	EPA 300.0	0.009	0.1			
2022/23-4	Lab	LCS, rec	3/6/2023	Anion	Fluoride	n/a	=	104	%	EPA 300.0	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike	3/8/2023	Anion	Perchlorate	n/a	=	9.08	µg/L	EPA 314.0	0.39	2			
2022/23-4	000NONPJ	matrix spike, rec	3/8/2023	Anion	Perchlorate	n/a	=	91	%	EPA 314.0	-88	-88	80	120	
2022/23-4	000NONPJ	matrix spike dup	3/8/2023	Anion	Perchlorate	n/a	=	8.86	µg/L	EPA 314.0	0.39	2			
2022/23-4	000NONPJ	matrix spike dup, rec	3/8/2023	Anion	Perchlorate	n/a	=	89	%	EPA 314.0	-88	-88	80	120	
2022/23-4	000NONPJ	matrix spike, RPD	3/8/2023	Anion	Perchlorate	n/a	=	2	%	EPA 314.0	-88	-88	0	15	
2022/23-4	Lab	method blank	3/8/2023	Anion	Perchlorate	n/a	<	0.39	µg/L	EPA 314.0	0.39	2			
2022/23-4	Lab	LCS	3/8/2023	Anion	Perchlorate	n/a	=	9.95	µg/L	EPA 314.0	0.39	2			
2022/23-4	Lab	LCS, rec	3/8/2023	Anion	Perchlorate	n/a	=	99	%	EPA 314.0	-88	-88	85	115	
2022/23-4	Lab	method blank	2/25/2023	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022/23-4	Lab	method blank	2/25/2023	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022/23-4	Lab	method blank	2/25/2023	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022/23-4	Lab	method blank	2/25/2023	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Cation	Calcium	Total	=	52.4	mg/L	EPA 200.7	0.0736	0.5			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Cation	Calcium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Cation	Calcium	Total	=	52.1	mg/L	EPA 200.7	0.0736	0.5			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Cation	Calcium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2022/23-4	Lab	method blank	3/10/2023	Cation	Calcium	Total	<	0.0736	mg/L	EPA 200.7	0.0736	0.5			
2022/23-4	Lab	LCS	3/10/2023	Cation	Calcium	Total	=	48.9	mg/L	EPA 200.7	0.0736	0.5			
2022/23-4	Lab	LCS, rec	3/10/2023	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Cation	Calcium	Total	<	0.0736	mg/L	EPA 200.7	0.0736	0.5			
2022/23-4	Lab	LCS	3/13/2023	Cation	Calcium	Total	=	51.4	mg/L	EPA 200.7	0.0736	0.5			
2022/23-4	Lab	LCS, rec	3/13/2023	Cation	Calcium	Total	=	102	%	EPA 200.7	-88	-88	85	115	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	ME-CC	matrix spike	3/10/2023	Cation	Calcium	Total	=	74.6	mg/L	EPA 200.7	0.0736	0.5			
2022/23-4	ME-CC	matrix spike, rec	3/10/2023	Cation	Calcium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2022/23-4	ME-CC	matrix spike dup	3/10/2023	Cation	Calcium	Total	=	75	mg/L	EPA 200.7	0.0736	0.5			
2022/23-4	ME-CC	matrix spike dup, rec	3/10/2023	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2022/23-4	ME-CC	matrix spike, RPD	3/10/2023	Cation	Calcium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2022/23-4	MO-SIM	matrix spike	3/10/2023	Cation	Calcium	Total	=	88.8	mg/L	EPA 200.7	0.0736	0.5			
2022/23-4	MO-SIM	matrix spike, rec	3/10/2023	Cation	Calcium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2022/23-4	MO-SIM	matrix spike dup	3/10/2023	Cation	Calcium	Total	=	89.5	mg/L	EPA 200.7	0.0736	0.5			
2022/23-4	MO-SIM	matrix spike dup, rec	3/10/2023	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2022/23-4	MO-SIM	matrix spike, RPD	3/10/2023	Cation	Calcium	Total	=	0.8	%	EPA 200.7	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Cation	Magnesium	Total	=	49.9	mg/L	EPA 200.7	0.039	0.5			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Cation	Magnesium	Total	=	49.6	mg/L	EPA 200.7	0.039	0.5			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Cation	Magnesium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2022/23-4	Lab	method blank	3/10/2023	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2022/23-4	Lab	LCS	3/10/2023	Cation	Magnesium	Total	=	48.2	mg/L	EPA 200.7	0.039	0.5			
2022/23-4	Lab	LCS, rec	3/10/2023	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2022/23-4	Lab	LCS	3/13/2023	Cation	Magnesium	Total	=	49.7	mg/L	EPA 200.7	0.039	0.5			
2022/23-4	Lab	LCS, rec	3/13/2023	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2022/23-4	ME-CC	matrix spike	3/10/2023	Cation	Magnesium	Total	=	60.9	mg/L	EPA 200.7	0.039	0.5			
2022/23-4	ME-CC	matrix spike, rec	3/10/2023	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2022/23-4	ME-CC	matrix spike dup	3/10/2023	Cation	Magnesium	Total	=	61.3	mg/L	EPA 200.7	0.039	0.5			
2022/23-4	ME-CC	matrix spike dup, rec	3/10/2023	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2022/23-4	ME-CC	matrix spike, RPD	3/10/2023	Cation	Magnesium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2022/23-4	MO-SIM	matrix spike	3/10/2023	Cation	Magnesium	Total	=	59.1	mg/L	EPA 200.7	0.039	0.5			
2022/23-4	MO-SIM	matrix spike, rec	3/10/2023	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2022/23-4	MO-SIM	matrix spike dup	3/10/2023	Cation	Magnesium	Total	=	59.7	mg/L	EPA 200.7	0.039	0.5			
2022/23-4	MO-SIM	matrix spike dup, rec	3/10/2023	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2022/23-4	MO-SIM	matrix spike, RPD	3/10/2023	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2022/23-4	000NONPJ	lab duplicate	3/3/2023	Conventional	Alkalinity as CaCO3	n/a	=	111	mg/L	SM 2320 B	1.9	5		15	
2022/23-4	Lab	method blank	3/2/2023	Conventional	Alkalinity as CaCO3	n/a	<	1.9	mg/L	SM 2320 B	1.9	5			
2022/23-4	Lab	LCS	3/2/2023	Conventional	Alkalinity as CaCO3	n/a	=	265	mg/L	SM 2320 B	1.9	5			
2022/23-4	Lab	LCS, rec	3/2/2023	Conventional	Alkalinity as CaCO3	n/a	=	106	%	SM 2320 B	-88	-88	94	108	
2022/23-4	Lab	method blank	3/3/2023	Conventional	Alkalinity as CaCO3	n/a	<	1.9	mg/L	SM 2320 B	1.9	5			
2022/23-4	Lab	LCS	3/3/2023	Conventional	Alkalinity as CaCO3	n/a	=	264	mg/L	SM 2320 B	1.9	5			
2022/23-4	Lab	LCS, rec	3/3/2023	Conventional	Alkalinity as CaCO3	n/a	=	106	%	SM 2320 B	-88	-88	94	108	
2022/23-4	ME-CC	lab duplicate	3/2/2023	Conventional	Alkalinity as CaCO3	n/a	=	70.8	mg/L	SM 2320 B	1.9	5		15	
2022/23-4	Lab	method blank	3/3/2023	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-4	Lab	method blank	3/3/2023	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-4	Lab	method blank	3/3/2023	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-4	Lab	LCS	3/3/2023	Conventional	BOD	n/a	=	193	mg/L	SM 5210 B	2	2			
2022/23-4	Lab	LCS, rec	3/3/2023	Conventional	BOD	n/a	=	97	%	SM 5210 B	-88	-88	85	115	
2022/23-4	MO-CAM	lab duplicate	3/3/2023	Conventional	BOD	n/a	=	5.46	mg/L	SM 5210 B	2	2		20	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Conventional	COD	n/a	=	255	mg/L	EPA 410.4	12	20			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Conventional	COD	n/a	=	252	mg/L	EPA 410.4	12	20			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Conventional	COD	n/a	=	95	%	EPA 410.4	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Conventional	COD	n/a	=	1	%	EPA 410.4	-88	-88	0	15	
2022/23-4	000NONPJ	matrix spike	3/14/2023	Conventional	COD	n/a	=	208	mg/L	EPA 410.4	12	20			
2022/23-4	000NONPJ	matrix spike, rec	3/14/2023	Conventional	COD	n/a	=	104	%	EPA 410.4	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike dup	3/14/2023	Conventional	COD	n/a	=	206	mg/L	EPA 410.4	12	20			
2022/23-4	000NONPJ	matrix spike dup, rec	3/14/2023	Conventional	COD	n/a	=	103	%	EPA 410.4	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike, RPD	3/14/2023	Conventional	COD	n/a	=	1	%	EPA 410.4	-88	-88	0	15	
2022/23-4	000NONPJ	matrix spike	3/14/2023	Conventional	COD	n/a	=	2230	mg/L	EPA 410.4	12	20			
2022/23-4	000NONPJ	matrix spike, rec	3/14/2023	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike dup	3/14/2023	Conventional	COD	n/a	=	2230	mg/L	EPA 410.4	12	20			
2022/23-4	000NONPJ	matrix spike dup, rec	3/14/2023	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike, RPD	3/14/2023	Conventional	COD	n/a	=	0	%	EPA 410.4	-88	-88	0	15	
2022/23-4	000NONPJ	lab duplicate	3/14/2023	Conventional	COD	n/a	=	1920	mg/L	EPA 410.4	29	50		15	
2022/23-4	Lab	LCS	3/13/2023	Conventional	COD	n/a	=	91.8	mg/L	EPA 410.4	2.9	5			
2022/23-4	Lab	LCS, rec	3/13/2023	Conventional	COD	n/a	=	92	%	EPA 410.4	-88	-88	90	110	
2022/23-4	Lab	method blank	3/13/2023	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2022/23-4	Lab	LCS	3/14/2023	Conventional	COD	n/a	=	102	mg/L	EPA 410.4	2.9	5			
2022/23-4	Lab	LCS, rec	3/14/2023	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2022/23-4	Lab	method blank	3/14/2023	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2022/23-4	ME-CC	matrix spike	3/13/2023	Conventional	COD	n/a	=	221	mg/L	EPA 410.4	12	20			
2022/23-4	ME-CC	matrix spike, rec	3/13/2023	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	
2022/23-4	ME-CC	matrix spike dup	3/13/2023	Conventional	COD	n/a	=	217	mg/L	EPA 410.4	12	20			
2022/23-4	ME-CC	matrix spike dup, rec	3/13/2023	Conventional	COD	n/a	=	94	%	EPA 410.4	-88	-88	90	110	
2022/23-4	ME-CC	matrix spike, RPD	3/13/2023	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2022/23-4	MO-OXN	lab duplicate	3/13/2023	Conventional	COD	n/a	=	44.5	mg/L	EPA 410.4	2.9	5		15	
2022/23-4	000NONPJ	matrix spike	3/10/2023	Conventional	Cyanide	Total	=	0.0513	mg/L	ASTM D7511	0.0006	0.002			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Conventional	Cyanide	Total	=	95	%	ASTM D7511	-88	-88	64	136	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Conventional	Cyanide	Total	=	0.0514	mg/L	ASTM D7511	0.0006	0.002			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Conventional	Cyanide	Total	=	95	%	ASTM D7511	-88	-88	64	136	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Conventional	Cyanide	Total	=	0.1	%	ASTM D7511	-88	-88	0	47	
2022/23-4	Lab	LCS	3/10/2023	Conventional	Cyanide	Total	=	0.0514	mg/L	ASTM D7511	0.0006	0.002			
2022/23-4	Lab	LCS, rec	3/10/2023	Conventional	Cyanide	Total	=	103	%	ASTM D7511	-88	-88	84	116	
2022/23-4	Lab	method blank	3/10/2023	Conventional	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002			
2022/23-4	Lab	method blank	3/10/2023	Conventional	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002			
2022/23-4	Lab	LCS	3/10/2023	Conventional	Cyanide	Total	=	0.0506	mg/L	ASTM D7511	0.0006	0.002			
2022/23-4	Lab	LCS, rec	3/10/2023	Conventional	Cyanide	Total	=	101	%	ASTM D7511	-88	-88	84	116	
2022/23-4	ME-VR2	matrix spike	3/10/2023	Conventional	Cyanide	Total	=	0.0481	mg/L	ASTM D7511	0.0006	0.002			
2022/23-4	ME-VR2	matrix spike, rec	3/10/2023	Conventional	Cyanide	Total	=	96	%	ASTM D7511	-88	-88	64	136	
2022/23-4	ME-VR2	matrix spike dup	3/10/2023	Conventional	Cyanide	Total	=	0.0487	mg/L	ASTM D7511	0.0006	0.002			
2022/23-4	ME-VR2	matrix spike dup, rec	3/10/2023	Conventional	Cyanide	Total	=	97	%	ASTM D7511	-88	-88	64	136	
2022/23-4	ME-VR2	matrix spike, RPD	3/10/2023	Conventional	Cyanide	Total	=	1	%	ASTM D7511	-88	-88	0	47	
2022/23-4	000NONPJ	matrix spike	2/26/2023	Conventional	MBAS	n/a	=	0.187	mg/L	SM 5540 C	0.023	0.05			
2022/23-4	000NONPJ	matrix spike, rec	2/26/2023	Conventional	MBAS	n/a	=	94	%	SM 5540 C	-88	-88	74	123	
2022/23-4	000NONPJ	matrix spike dup	2/26/2023	Conventional	MBAS	n/a	=	0.192	mg/L	SM 5540 C	0.023	0.05			
2022/23-4	000NONPJ	matrix spike dup, rec	2/26/2023	Conventional	MBAS	n/a	=	96	%	SM 5540 C	-88	-88	74	123	
2022/23-4	000NONPJ	matrix spike, RPD	2/26/2023	Conventional	MBAS	n/a	=	3	%	SM 5540 C	-88	-88	0	20	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	method blank	2/26/2023	Conventional	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05			
2022/23-4	Lab	LCS	2/26/2023	Conventional	MBAS	n/a	=	0.189	mg/L	SM 5540 C	0.023	0.05			
2022/23-4	Lab	LCS, rec	2/26/2023	Conventional	MBAS	n/a	=	94	%	SM 5540 C	-88	-88	82	115	
2022/23-4	000NONPJ	matrix spike	3/15/2023	Conventional	Phenolics	n/a	=	0.248	mg/L	EPA 420.4	0.0068	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/15/2023	Conventional	Phenolics	n/a	=	89	%	EPA 420.4	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike dup	3/15/2023	Conventional	Phenolics	n/a	=	0.248	mg/L	EPA 420.4	0.0068	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/15/2023	Conventional	Phenolics	n/a	=	89	%	EPA 420.4	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike, RPD	3/15/2023	Conventional	Phenolics	n/a	=	0.3	%	EPA 420.4	-88	-88	0	20	
2022/23-4	Lab	method blank	3/15/2023	Conventional	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01			
2022/23-4	Lab	LCS	3/15/2023	Conventional	Phenolics	n/a	=	0.0948	mg/L	EPA 420.4	0.0068	0.01			
2022/23-4	Lab	LCS, rec	3/15/2023	Conventional	Phenolics	n/a	=	95	%	EPA 420.4	-88	-88	90	110	
2022/23-4	MO-OXN	matrix spike	3/15/2023	Conventional	Phenolics	n/a	=	0.249	mg/L	EPA 420.4	0.0068	0.01			
2022/23-4	MO-OXN	matrix spike, rec	3/15/2023	Conventional	Phenolics	n/a	=	94	%	EPA 420.4	-88	-88	90	110	
2022/23-4	MO-OXN	matrix spike dup	3/15/2023	Conventional	Phenolics	n/a	=	0.246	mg/L	EPA 420.4	0.0068	0.01			
2022/23-4	MO-OXN	matrix spike dup, rec	3/15/2023	Conventional	Phenolics	n/a	=	93	%	EPA 420.4	-88	-88	90	110	
2022/23-4	MO-OXN	matrix spike, RPD	3/15/2023	Conventional	Phenolics	n/a	=	0.9	%	EPA 420.4	-88	-88	0	20	
2022/23-4	000NONPJ	lab duplicate	3/8/2023	Conventional	Specific Conductance	n/a	=	223	µmhos/cm	SM 2510 B	1.1	2		5	
2022/23-4	Lab	method blank	3/8/2023	Conventional	Specific Conductance	n/a	<	1.1	µmhos/cm	SM 2510 B	1.1	2			
2022/23-4	Lab	LCS	3/8/2023	Conventional	Specific Conductance	n/a	=	451	µmhos/cm	SM 2510 B	1.1	2			
2022/23-4	Lab	LCS, rec	3/8/2023	Conventional	Specific Conductance	n/a	=	101	%	SM 2510 B	-88	-88	95	105	
2022/23-4	Lab	method blank	3/8/2023	Conventional	Specific Conductance	n/a	<	1.1	µmhos/cm	SM 2510 B	1.1	2			
2022/23-4	Lab	LCS	3/8/2023	Conventional	Specific Conductance	n/a	=	442	µmhos/cm	SM 2510 B	1.1	2			
2022/23-4	Lab	LCS, rec	3/8/2023	Conventional	Specific Conductance	n/a	=	99	%	SM 2510 B	-88	-88	95	105	
2022/23-4	MO-HUE	lab duplicate	3/8/2023	Conventional	Specific Conductance	n/a	=	2850	µmhos/cm	SM 2510 B	4.3	8		5	
2022/23-4	Lab	method blank	2/26/2023	Conventional	Total Chlorine Residual	n/a	<	0.031	mg/L	SM 4500-Cl G	0.031	0.05			
2022/23-4	Lab	LCS	2/26/2023	Conventional	Total Chlorine Residual	n/a	=	0.2	mg/L	SM 4500-Cl G	0.031	0.05			
2022/23-4	Lab	LCS, rec	2/26/2023	Conventional	Total Chlorine Residual	n/a	=	100	%	SM 4500-Cl G	-88	-88	85	110	
2022/23-4	ME-CC	lab duplicate	2/26/2023	Conventional	Total Chlorine Residual	n/a	<	0.031	mg/L	SM 4500-Cl G	0.031	0.05	0	15	BV
2022/23-4	ME-CC	matrix spike	2/26/2023	Conventional	Total Chlorine Residual	n/a	=	0.386	mg/L	SM 4500-Cl G	0.062	0.1			
2022/23-4	ME-CC	matrix spike, rec	2/26/2023	Conventional	Total Chlorine Residual	n/a	=	96	%	SM 4500-Cl G	-88	-88	78	114	
2022/23-4	ME-CC	matrix spike dup	2/26/2023	Conventional	Total Chlorine Residual	n/a	=	0.394	mg/L	SM 4500-Cl G	0.062	0.1			
2022/23-4	ME-CC	matrix spike dup, rec	2/26/2023	Conventional	Total Chlorine Residual	n/a	=	98	%	SM 4500-Cl G	-88	-88	78	114	
2022/23-4	ME-CC	matrix spike, RPD	2/26/2023	Conventional	Total Chlorine Residual	n/a	=	2	%	SM 4500-Cl G	-88	-88	0	15	
2022/23-4	000NONPJ	lab duplicate	3/2/2023	Conventional	Total Dissolved Solids	n/a	=	520	mg/L	SM 2540 C	4	10		10	
2022/23-4	Lab	LCS	3/2/2023	Conventional	Total Dissolved Solids	n/a	=	815	mg/L	SM 2540 C	4	10			
2022/23-4	Lab	LCS, rec	3/2/2023	Conventional	Total Dissolved Solids	n/a	=	99	%	SM 2540 C	-88	-88	96	102	
2022/23-4	Lab	method blank	3/2/2023	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2022/23-4	MO-HUE	lab duplicate	3/2/2023	Conventional	Total Dissolved Solids	n/a	=	1560	mg/L	SM 2540 C	4	10		10	
2022/23-4	000NONPJ	matrix spike	3/2/2023	Conventional	Total Organic Carbon	n/a	=	17.2	mg/L	SM 5310 B	0.19	0.3			
2022/23-4	000NONPJ	matrix spike, rec	3/2/2023	Conventional	Total Organic Carbon	n/a	=	86	%	SM 5310 B	-88	-88	76	115	
2022/23-4	000NONPJ	matrix spike dup	3/2/2023	Conventional	Total Organic Carbon	n/a	=	17.2	mg/L	SM 5310 B	0.19	0.3			
2022/23-4	000NONPJ	matrix spike dup, rec	3/2/2023	Conventional	Total Organic Carbon	n/a	=	87	%	SM 5310 B	-88	-88	76	115	
2022/23-4	000NONPJ	matrix spike, RPD	3/2/2023	Conventional	Total Organic Carbon	n/a	=	0.2	%	SM 5310 B	-88	-88	0	20	
2022/23-4	Lab	method blank	3/2/2023	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2022/23-4	Lab	LCS	3/2/2023	Conventional	Total Organic Carbon	n/a	=	0.952	mg/L	SM 5310 B	0.19	0.3			
2022/23-4	Lab	LCS, rec	3/2/2023	Conventional	Total Organic Carbon	n/a	=	95	%	SM 5310 B	-88	-88	85	115	
2022/23-4	000NONPJ	lab duplicate	3/14/2023	Conventional	Total Suspended Solids	n/a	=	87.5	mg/L	SM 2540 D	-88	5		20	

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Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	000NONPJ	lab duplicate	3/14/2023	Conventional	Total Suspended Solids	n/a	=	13.3	mg/L	SM 2540 D	-88	5		20	
2022/23-4	Lab	LCS	3/2/2023	Conventional	Total Suspended Solids	n/a	=	56.6	mg/L	SM 2540 D	-88	5			
2022/23-4	Lab	LCS, rec	3/2/2023	Conventional	Total Suspended Solids	n/a	=	102	%	SM 2540 D	-88	-88	90	110	
2022/23-4	Lab	method blank	3/2/2023	Conventional	Total Suspended Solids	n/a	DNQ	0.1	mg/L	SM 2540 D	-88	5			IP
2022/23-4	Lab	LCS	3/14/2023	Conventional	Total Suspended Solids	n/a	=	60.7	mg/L	SM 2540 D	-88	5			
2022/23-4	Lab	LCS, rec	3/14/2023	Conventional	Total Suspended Solids	n/a	=	103	%	SM 2540 D	-88	-88	90	110	
2022/23-4	Lab	method blank	3/14/2023	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5			
2022/23-4	ME-CC	lab duplicate	3/2/2023	Conventional	Total Suspended Solids	n/a	=	516	mg/L	SM 2540 D	-88	5		20	
2022/23-4	MO-SIM	lab duplicate	3/2/2023	Conventional	Total Suspended Solids	n/a	=	191	mg/L	SM 2540 D	-88	5		20	
2022/23-4	Lab	LCS	2/26/2023	Conventional	Turbidity	n/a	=	10	NTU	EPA 180.1	0.017	0.1			
2022/23-4	Lab	LCS	2/26/2023	Conventional	Turbidity	n/a	=	2.08	NTU	EPA 180.1	0.017	0.1			
2022/23-4	Lab	LCS, rec	2/26/2023	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2022/23-4	Lab	LCS, rec	2/26/2023	Conventional	Turbidity	n/a	=	104	%	EPA 180.1	-88	-88	90	110	
2022/23-4	Lab	method blank	2/26/2023	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2022/23-4	ME-VR2	lab duplicate	2/26/2023	Conventional	Turbidity	n/a	=	2100	NTU	EPA 180.1	3.4	20		10	
2022/23-4	Lab	LCS	3/2/2023	Conventional	Volatile Suspended Solids	n/a	=	42	mg/L	EPA 160.4	0.093	0.15			
2022/23-4	Lab	LCS, rec	3/2/2023	Conventional	Volatile Suspended Solids	n/a	=	106	%	EPA 160.4	-88	-88	90	110	
2022/23-4	Lab	method blank	3/2/2023	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2022/23-4	ME-CC	lab duplicate	3/2/2023	Conventional	Volatile Suspended Solids	n/a	=	88	mg/L	EPA 160.4	3.1	5		15	
2022/23-4	MO-SIM	lab duplicate	3/2/2023	Conventional	Volatile Suspended Solids	n/a	=	34	mg/L	EPA 160.4	3.1	5		15	
2022/23-4	Lab	method blank	3/16/2023	Hydrocarbon	Diesel Range Organics	n/a	<	0.072	mg/L	EPA 8015B	0.072	0.1			
2022/23-4	Lab	LCS	3/16/2023	Hydrocarbon	Diesel Range Organics	n/a	=	0.505	mg/L	EPA 8015B	0.072	0.1			
2022/23-4	Lab	LCS, rec	3/16/2023	Hydrocarbon	Diesel Range Organics	n/a	=	101	%	EPA 8015B	-88	-88	70	130	
2022/23-4	Lab	LCS dup	3/16/2023	Hydrocarbon	Diesel Range Organics	n/a	=	0.5	mg/L	EPA 8015B	0.072	0.1			
2022/23-4	Lab	LCS dup, rec	3/16/2023	Hydrocarbon	Diesel Range Organics	n/a	=	100	%	EPA 8015B	-88	-88	70	130	
2022/23-4	Lab	LCS, RPD	3/16/2023	Hydrocarbon	Diesel Range Organics	n/a	=	0.9	%	EPA 8015B	-88	-88	0	25	
2022/23-4	Lab	LCS	2/28/2023	Hydrocarbon	Gasoline Range Organics	n/a	=	0.886	mg/L	EPA 8260B	0.065	0.1			
2022/23-4	Lab	LCS, rec	2/28/2023	Hydrocarbon	Gasoline Range Organics	n/a	=	89	%	EPA 8260B	-88	-88	53	136	
2022/23-4	Lab	LCS dup	2/28/2023	Hydrocarbon	Gasoline Range Organics	n/a	=	0.893	mg/L	EPA 8260B	0.065	0.1			
2022/23-4	Lab	LCS dup, rec	2/28/2023	Hydrocarbon	Gasoline Range Organics	n/a	=	89	%	EPA 8260B	-88	-88	53	136	
2022/23-4	Lab	LCS, RPD	2/28/2023	Hydrocarbon	Gasoline Range Organics	n/a	=	0.8	%	EPA 8260B	-88	-88	0	25	
2022/23-4	Lab	method blank	2/28/2023	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1			
2022/23-4	Lab	srgt method blank	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.261	mg/L	EPA 8015B	-88	-88			
2022/23-4	Lab	srgt method blank, rec	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	105	%	EPA 8015B	-88	-88	64	155	
2022/23-4	Lab	srgt LCS	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.301	mg/L	EPA 8015B	-88	-88			
2022/23-4	Lab	srgt LCS, rec	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	120	%	EPA 8015B	-88	-88	64	155	
2022/23-4	Lab	srgt LCS dup	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.265	mg/L	EPA 8015B	-88	-88			
2022/23-4	Lab	srgt LCS dup, rec	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	106	%	EPA 8015B	-88	-88	64	155	
2022/23-4	ME-CC	srgt environ	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.255	mg/L	EPA 8015B	-88	-88			
2022/23-4	ME-CC	srgt environ, rec	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	93	%	EPA 8015B	-88	-88	64	155	
2022/23-4	ME-SCR	srgt environ	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.195	mg/L	EPA 8015B	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	80	%	EPA 8015B	-88	-88	64	155	
2022/23-4	ME-VR2	srgt environ	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.192	mg/L	EPA 8015B	-88	-88			
2022/23-4	ME-VR2	srgt environ, rec	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	79	%	EPA 8015B	-88	-88	64	155	
2022/23-4	MO-CAM	srgt environ	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.266	mg/L	EPA 8015B	-88	-88			
2022/23-4	MO-CAM	srgt environ, rec	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	113	%	EPA 8015B	-88	-88	64	155	
2022/23-4	MO-FIL	srgt environ	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.235	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	
2022/23-4	MO-FIL	srgt environ, rec	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	103	%	EPA 8015B	-88	-88	64	155	
2022/23-4	MO-HUE	srgt environ	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.303	mg/L	EPA 8015B	-88	-88			
2022/23-4	MO-HUE	srgt environ, rec	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	122	%	EPA 8015B	-88	-88	64	155	
2022/23-4	MO-MEI	srgt environ	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.323	mg/L	EPA 8015B	-88	-88			
2022/23-4	MO-MEI	srgt environ, rec	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	124	%	EPA 8015B	-88	-88	64	155	
2022/23-4	MO-MPK	srgt environ	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.29	mg/L	EPA 8015B	-88	-88			
2022/23-4	MO-MPK	srgt environ, rec	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	127	%	EPA 8015B	-88	-88	64	155	
2022/23-4	MO-OJA	srgt environ	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.198	mg/L	EPA 8015B	-88	-88			
2022/23-4	MO-OJA	srgt environ, rec	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	80	%	EPA 8015B	-88	-88	64	155	
2022/23-4	MO-OXN	srgt environ	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.274	mg/L	EPA 8015B	-88	-88			
2022/23-4	MO-OXN	srgt environ, rec	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	115	%	EPA 8015B	-88	-88	64	155	
2022/23-4	MO-SIM	srgt environ	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.281	mg/L	EPA 8015B	-88	-88			
2022/23-4	MO-SIM	srgt environ, rec	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	127	%	EPA 8015B	-88	-88	64	155	
2022/23-4	MO-SPA	srgt environ	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.296	mg/L	EPA 8015B	-88	-88			
2022/23-4	MO-SPA	srgt environ, rec	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	132	%	EPA 8015B	-88	-88	64	155	
2022/23-4	MO-THO	srgt environ	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.276	mg/L	EPA 8015B	-88	-88			
2022/23-4	MO-THO	srgt environ, rec	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	128	%	EPA 8015B	-88	-88	64	155	
2022/23-4	MO-VEN	srgt environ	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.338	mg/L	EPA 8015B	-88	-88			
2022/23-4	MO-VEN	srgt environ, rec	3/16/2023	Hydrocarbon	n-Tetracosane	n/a	=	136	%	EPA 8015B	-88	-88	64	155	
2022/23-4	Lab	LCS	3/17/2023	Hydrocarbon	Oil and Grease	n/a	=	14.3	mg/L	EPA 1664B	0.6	4			
2022/23-4	Lab	LCS	3/17/2023	Hydrocarbon	Oil and Grease	n/a	DNQ	3.3	mg/L	EPA 1664B	0.6	4			
2022/23-4	Lab	LCS dup	3/17/2023	Hydrocarbon	Oil and Grease	n/a	=	13.5	mg/L	EPA 1664B	0.6	4			
2022/23-4	Lab	LCS dup, rec	3/17/2023	Hydrocarbon	Oil and Grease	n/a	=	80	%	EPA 1664B	-88	-88	78	114	
2022/23-4	Lab	LCS, rec	3/17/2023	Hydrocarbon	Oil and Grease	n/a	=	85	%	EPA 1664B	-88	-88	78	114	
2022/23-4	Lab	LCS, rec	3/17/2023	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664B	-88	-88	78	114	
2022/23-4	Lab	LCS, RPD	3/17/2023	Hydrocarbon	Oil and Grease	n/a	=	6	%	EPA 1664B	-88	-88	0	18	
2022/23-4	Lab	method blank	3/17/2023	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2022/23-4	Lab	LCS	3/21/2023	Hydrocarbon	Oil and Grease	n/a	=	4.2	mg/L	EPA 1664B	0.6	4			
2022/23-4	Lab	LCS	3/21/2023	Hydrocarbon	Oil and Grease	n/a	=	13.5	mg/L	EPA 1664B	0.6	4			
2022/23-4	Lab	LCS dup	3/21/2023	Hydrocarbon	Oil and Grease	n/a	=	14	mg/L	EPA 1664B	0.6	4			
2022/23-4	Lab	LCS dup, rec	3/21/2023	Hydrocarbon	Oil and Grease	n/a	=	83	%	EPA 1664B	-88	-88	78	114	
2022/23-4	Lab	LCS, rec	3/21/2023	Hydrocarbon	Oil and Grease	n/a	=	80	%	EPA 1664B	-88	-88	78	114	
2022/23-4	Lab	LCS, rec	3/21/2023	Hydrocarbon	Oil and Grease	n/a	=	105	%	EPA 1664B	-88	-88	78	114	
2022/23-4	Lab	LCS, RPD	3/21/2023	Hydrocarbon	Oil and Grease	n/a	=	4	%	EPA 1664B	-88	-88	0	18	
2022/23-4	Lab	method blank	3/21/2023	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2022/23-4	Lab	LCS	3/24/2023	Hydrocarbon	Oil and Grease	n/a	=	13.4	mg/L	EPA 1664B	0.6	4			
2022/23-4	Lab	LCS	3/24/2023	Hydrocarbon	Oil and Grease	n/a	DNQ	3.7	mg/L	EPA 1664B	0.6	4			
2022/23-4	Lab	LCS dup	3/24/2023	Hydrocarbon	Oil and Grease	n/a	=	13.7	mg/L	EPA 1664B	0.6	4			
2022/23-4	Lab	LCS dup, rec	3/24/2023	Hydrocarbon	Oil and Grease	n/a	=	81	%	EPA 1664B	-88	-88	78	114	
2022/23-4	Lab	LCS, rec	3/24/2023	Hydrocarbon	Oil and Grease	n/a	=	92	%	EPA 1664B	-88	-88	78	114	
2022/23-4	Lab	LCS, rec	3/24/2023	Hydrocarbon	Oil and Grease	n/a	=	80	%	EPA 1664B	-88	-88	78	114	
2022/23-4	Lab	LCS, RPD	3/24/2023	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664B	-88	-88	0	18	
2022/23-4	Lab	method blank	3/24/2023	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2022/23-4	Lab	method blank	3/16/2023	Hydrocarbon	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5			
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Aluminum	Dissolved	=	66.3	µg/L	EPA 200.8	4.4	20			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Aluminum	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Aluminum	Dissolved	=	67.1	µg/L	EPA 200.8	4.4	20			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Aluminum	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Aluminum	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-4	Lab	LCS	3/9/2023	Metal	Aluminum	Dissolved	=	51.1	µg/L	EPA 200.8	4.4	20			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Aluminum	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-4	Lab	LCS	3/13/2023	Metal	Aluminum	Dissolved	=	49.2	µg/L	EPA 200.8	4.4	20			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Aluminum	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Aluminum	Total	=	66.3	µg/L	EPA 200.8	4.4	20			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Aluminum	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Aluminum	Total	=	67.1	µg/L	EPA 200.8	4.4	20			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Aluminum	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/14/2023	Metal	Aluminum	Total	=	67.2	µg/L	EPA 200.8	4.4	20			
2022/23-4	000NONPJ	matrix spike, rec	3/14/2023	Metal	Aluminum	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/14/2023	Metal	Aluminum	Total	=	64.2	µg/L	EPA 200.8	4.4	20			
2022/23-4	000NONPJ	matrix spike dup, rec	3/14/2023	Metal	Aluminum	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/14/2023	Metal	Aluminum	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-4	Lab	LCS	3/9/2023	Metal	Aluminum	Total	=	51.1	µg/L	EPA 200.8	4.4	20			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Aluminum	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-4	Lab	LCS	3/13/2023	Metal	Aluminum	Total	=	49.2	µg/L	EPA 200.8	4.4	20			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Aluminum	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/14/2023	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-4	Lab	LCS	3/14/2023	Metal	Aluminum	Total	=	50.5	µg/L	EPA 200.8	4.4	20			
2022/23-4	Lab	LCS, rec	3/14/2023	Metal	Aluminum	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-4	MO-CAM	matrix spike	3/9/2023	Metal	Aluminum	Total	=	1150	µg/L	EPA 200.8	4.4	20			GB
2022/23-4	MO-CAM	matrix spike, rec	3/9/2023	Metal	Aluminum	Total	=	499	%	EPA 200.8	-88	-88	70	130	GB
2022/23-4	MO-CAM	matrix spike dup	3/9/2023	Metal	Aluminum	Total	=	1130	µg/L	EPA 200.8	4.4	20			GB
2022/23-4	MO-CAM	matrix spike dup, rec	3/9/2023	Metal	Aluminum	Total	=	449	%	EPA 200.8	-88	-88	70	130	GB
2022/23-4	MO-CAM	matrix spike, RPD	3/9/2023	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	GB
2022/23-4	MO-FIL	matrix spike	3/9/2023	Metal	Aluminum	Total	=	4770	µg/L	EPA 200.8	4.4	20			GB
2022/23-4	MO-FIL	matrix spike, rec	3/9/2023	Metal	Aluminum	Total	=	2660	%	EPA 200.8	-88	-88	70	130	GB
2022/23-4	MO-FIL	matrix spike dup	3/9/2023	Metal	Aluminum	Total	=	4710	µg/L	EPA 200.8	4.4	20			GB
2022/23-4	MO-FIL	matrix spike dup, rec	3/9/2023	Metal	Aluminum	Total	=	255	%	EPA 200.8	-88	-88	70	130	GB
2022/23-4	MO-FIL	matrix spike, RPD	3/9/2023	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	GB
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Antimony	Dissolved	=	51	µg/L	EPA 200.8	0.089	0.5			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Antimony	Dissolved	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Antimony	Dissolved	=	50.7	µg/L	EPA 200.8	0.089	0.5			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Antimony	Dissolved	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Antimony	Dissolved	=	0.7	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-4	Lab	LCS	3/9/2023	Metal	Antimony	Dissolved	=	51.5	µg/L	EPA 200.8	0.089	0.5			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Antimony	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-4	Lab	LCS	3/13/2023	Metal	Antimony	Dissolved	=	50.8	µg/L	EPA 200.8	0.089	0.5			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Antimony	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Antimony	Total	=	51	µg/L	EPA 200.8	0.089	0.5			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Antimony	Total	=	50.7	µg/L	EPA 200.8	0.089	0.5			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Antimony	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-4	Lab	LCS	3/9/2023	Metal	Antimony	Total	=	51.5	µg/L	EPA 200.8	0.089	0.5			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Antimony	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-4	Lab	LCS	3/13/2023	Metal	Antimony	Total	=	50.8	µg/L	EPA 200.8	0.089	0.5			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-4	MO-CAM	matrix spike	3/9/2023	Metal	Antimony	Total	=	51.1	µg/L	EPA 200.8	0.089	0.5			
2022/23-4	MO-CAM	matrix spike, rec	3/9/2023	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike dup	3/9/2023	Metal	Antimony	Total	=	50.8	µg/L	EPA 200.8	0.089	0.5			
2022/23-4	MO-CAM	matrix spike dup, rec	3/9/2023	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike, RPD	3/9/2023	Metal	Antimony	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2022/23-4	MO-FIL	matrix spike	3/9/2023	Metal	Antimony	Total	=	46	µg/L	EPA 200.8	0.089	0.5			
2022/23-4	MO-FIL	matrix spike, rec	3/9/2023	Metal	Antimony	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike dup	3/9/2023	Metal	Antimony	Total	=	45.9	µg/L	EPA 200.8	0.089	0.5			
2022/23-4	MO-FIL	matrix spike dup, rec	3/9/2023	Metal	Antimony	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike, RPD	3/9/2023	Metal	Antimony	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Arsenic	Dissolved	=	48.9	µg/L	EPA 200.8	0.074	0.4			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Arsenic	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Arsenic	Dissolved	=	47.9	µg/L	EPA 200.8	0.074	0.4			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Arsenic	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Arsenic	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-4	Lab	LCS	3/9/2023	Metal	Arsenic	Dissolved	=	51.9	µg/L	EPA 200.8	0.074	0.4			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Arsenic	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-4	Lab	LCS	3/13/2023	Metal	Arsenic	Dissolved	=	47.9	µg/L	EPA 200.8	0.074	0.4			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Arsenic	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Arsenic	Total	=	48.9	µg/L	EPA 200.8	0.074	0.4			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Arsenic	Total	=	47.9	µg/L	EPA 200.8	0.074	0.4			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Arsenic	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-4	Lab	LCS	3/9/2023	Metal	Arsenic	Total	=	51.9	µg/L	EPA 200.8	0.074	0.4			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-4	Lab	LCS	3/13/2023	Metal	Arsenic	Total	=	47.9	µg/L	EPA 200.8	0.074	0.4			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Arsenic	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2022/23-4	MO-CAM	matrix spike	3/9/2023	Metal	Arsenic	Total	=	52.5	µg/L	EPA 200.8	0.074	0.4			
2022/23-4	MO-CAM	matrix spike, rec	3/9/2023	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike dup	3/9/2023	Metal	Arsenic	Total	=	52.7	µg/L	EPA 200.8	0.074	0.4			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	MO-CAM	matrix spike dup, rec	3/9/2023	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike, RPD	3/9/2023	Metal	Arsenic	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2022/23-4	MO-FIL	matrix spike	3/9/2023	Metal	Arsenic	Total	=	54.7	µg/L	EPA 200.8	0.074	0.4			
2022/23-4	MO-FIL	matrix spike, rec	3/9/2023	Metal	Arsenic	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike dup	3/9/2023	Metal	Arsenic	Total	=	54.5	µg/L	EPA 200.8	0.074	0.4			
2022/23-4	MO-FIL	matrix spike dup, rec	3/9/2023	Metal	Arsenic	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike, RPD	3/9/2023	Metal	Arsenic	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Barium	Total	=	78.5	µg/L	EPA 200.8	0.14	1			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Barium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Barium	Total	=	77.8	µg/L	EPA 200.8	0.14	1			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Barium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Barium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2022/23-4	Lab	LCS	3/9/2023	Metal	Barium	Total	=	50.7	µg/L	EPA 200.8	0.14	1			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2022/23-4	Lab	LCS	3/13/2023	Metal	Barium	Total	=	47.4	µg/L	EPA 200.8	0.14	1			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Barium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2022/23-4	MO-CAM	matrix spike	3/9/2023	Metal	Barium	Total	=	68.5	µg/L	EPA 200.8	0.14	1			
2022/23-4	MO-CAM	matrix spike, rec	3/9/2023	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike dup	3/9/2023	Metal	Barium	Total	=	67.5	µg/L	EPA 200.8	0.14	1			
2022/23-4	MO-CAM	matrix spike dup, rec	3/9/2023	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike, RPD	3/9/2023	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-4	MO-FIL	matrix spike	3/9/2023	Metal	Barium	Total	=	115	µg/L	EPA 200.8	0.14	1			
2022/23-4	MO-FIL	matrix spike, rec	3/9/2023	Metal	Barium	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike dup	3/9/2023	Metal	Barium	Total	=	114	µg/L	EPA 200.8	0.14	1			
2022/23-4	MO-FIL	matrix spike dup, rec	3/9/2023	Metal	Barium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike, RPD	3/9/2023	Metal	Barium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Beryllium	Dissolved	=	42.5	µg/L	EPA 200.8	0.062	0.1			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Beryllium	Dissolved	=	85	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Beryllium	Dissolved	=	42.7	µg/L	EPA 200.8	0.062	0.1			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Beryllium	Dissolved	=	85	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Beryllium	Dissolved	=	0.5	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2022/23-4	Lab	LCS	3/9/2023	Metal	Beryllium	Dissolved	=	51.3	µg/L	EPA 200.8	0.062	0.1			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Beryllium	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2022/23-4	Lab	LCS	3/13/2023	Metal	Beryllium	Dissolved	=	44.4	µg/L	EPA 200.8	0.062	0.1			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Beryllium	Dissolved	=	89	%	EPA 200.8	-88	-88	85	115	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Beryllium	Total	=	42.5	µg/L	EPA 200.8	0.029	0.1			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Beryllium	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Beryllium	Total	=	42.7	µg/L	EPA 200.8	0.029	0.1			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Beryllium	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Beryllium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1			
2022/23-4	Lab	LCS	3/9/2023	Metal	Beryllium	Total	=	51.3	µg/L	EPA 200.8	0.029	0.1			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	85	115	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	method blank	3/13/2023	Metal	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1			
2022/23-4	Lab	LCS	3/13/2023	Metal	Beryllium	Total	=	44.4	µg/L	EPA 200.8	0.029	0.1			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Beryllium	Total	=	89	%	EPA 200.8	-88	-88	85	115	
2022/23-4	MO-CAM	matrix spike	3/9/2023	Metal	Beryllium	Total	=	50.4	µg/L	EPA 200.8	0.029	0.1			
2022/23-4	MO-CAM	matrix spike, rec	3/9/2023	Metal	Beryllium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike dup	3/9/2023	Metal	Beryllium	Total	=	52.7	µg/L	EPA 200.8	0.029	0.1			
2022/23-4	MO-CAM	matrix spike dup, rec	3/9/2023	Metal	Beryllium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike, RPD	3/9/2023	Metal	Beryllium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2022/23-4	MO-FIL	matrix spike	3/9/2023	Metal	Beryllium	Total	=	52.6	µg/L	EPA 200.8	0.029	0.1			
2022/23-4	MO-FIL	matrix spike, rec	3/9/2023	Metal	Beryllium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike dup	3/9/2023	Metal	Beryllium	Total	=	51.9	µg/L	EPA 200.8	0.029	0.1			
2022/23-4	MO-FIL	matrix spike dup, rec	3/9/2023	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike, RPD	3/9/2023	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Cadmium	Dissolved	=	47.6	µg/L	EPA 200.8	0.042	0.2			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Cadmium	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Cadmium	Dissolved	=	46.9	µg/L	EPA 200.8	0.042	0.2			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Cadmium	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Cadmium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-4	Lab	LCS	3/9/2023	Metal	Cadmium	Dissolved	=	50.3	µg/L	EPA 200.8	0.042	0.2			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Cadmium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-4	Lab	LCS	3/13/2023	Metal	Cadmium	Dissolved	=	47.7	µg/L	EPA 200.8	0.042	0.2			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Cadmium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Cadmium	Total	=	47.6	µg/L	EPA 200.8	0.042	0.2			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Cadmium	Total	=	46.9	µg/L	EPA 200.8	0.042	0.2			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Cadmium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Cadmium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-4	Lab	LCS	3/9/2023	Metal	Cadmium	Total	=	50.3	µg/L	EPA 200.8	0.042	0.2			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-4	Lab	LCS	3/13/2023	Metal	Cadmium	Total	=	47.7	µg/L	EPA 200.8	0.042	0.2			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2022/23-4	MO-CAM	matrix spike	3/9/2023	Metal	Cadmium	Total	=	50.7	µg/L	EPA 200.8	0.042	0.2			
2022/23-4	MO-CAM	matrix spike, rec	3/9/2023	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike dup	3/9/2023	Metal	Cadmium	Total	=	50.2	µg/L	EPA 200.8	0.042	0.2			
2022/23-4	MO-CAM	matrix spike dup, rec	3/9/2023	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike, RPD	3/9/2023	Metal	Cadmium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2022/23-4	MO-FIL	matrix spike	3/9/2023	Metal	Cadmium	Total	=	52	µg/L	EPA 200.8	0.042	0.2			
2022/23-4	MO-FIL	matrix spike, rec	3/9/2023	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike dup	3/9/2023	Metal	Cadmium	Total	=	51.3	µg/L	EPA 200.8	0.042	0.2			
2022/23-4	MO-FIL	matrix spike dup, rec	3/9/2023	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike, RPD	3/9/2023	Metal	Cadmium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Chromium	Dissolved	=	49	µg/L	EPA 200.8	0.089	0.2			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Chromium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QA/QC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Chromium	Dissolved	=	48.4	µg/L	EPA 200.8	0.089	0.2			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Chromium	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Chromium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-4	Lab	LCS	3/9/2023	Metal	Chromium	Dissolved	=	50.4	µg/L	EPA 200.8	0.089	0.2			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Chromium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-4	Lab	LCS	3/13/2023	Metal	Chromium	Dissolved	=	48.7	µg/L	EPA 200.8	0.089	0.2			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Chromium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Chromium	Total	=	49	µg/L	EPA 200.8	0.089	0.2			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Chromium	Total	=	48.4	µg/L	EPA 200.8	0.089	0.2			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/17/2023	Metal	Chromium	Total	=	51	µg/L	EPA 200.8	0.089	0.2			
2022/23-4	000NONPJ	matrix spike, rec	3/17/2023	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/17/2023	Metal	Chromium	Total	=	50.8	µg/L	EPA 200.8	0.089	0.2			
2022/23-4	000NONPJ	matrix spike dup, rec	3/17/2023	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/17/2023	Metal	Chromium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/17/2023	Metal	Chromium	Total	=	51.7	µg/L	EPA 200.8	0.089	0.2			
2022/23-4	000NONPJ	matrix spike, rec	3/17/2023	Metal	Chromium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/17/2023	Metal	Chromium	Total	=	52.5	µg/L	EPA 200.8	0.089	0.2			
2022/23-4	000NONPJ	matrix spike dup, rec	3/17/2023	Metal	Chromium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/17/2023	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-4	Lab	LCS	3/9/2023	Metal	Chromium	Total	=	50.4	µg/L	EPA 200.8	0.089	0.2			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Chromium	Total	=	0.585	µg/L	EPA 200.8	0.089	0.2			IP
2022/23-4	Lab	LCS	3/13/2023	Metal	Chromium	Total	=	48.7	µg/L	EPA 200.8	0.089	0.2			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/17/2023	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-4	Lab	LCS	3/17/2023	Metal	Chromium	Total	=	50.3	µg/L	EPA 200.8	0.089	0.2			
2022/23-4	Lab	LCS, rec	3/17/2023	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-4	MO-CAM	matrix spike	3/9/2023	Metal	Chromium	Total	=	52.3	µg/L	EPA 200.8	0.089	0.2			
2022/23-4	MO-CAM	matrix spike, rec	3/9/2023	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike dup	3/9/2023	Metal	Chromium	Total	=	53.1	µg/L	EPA 200.8	0.089	0.2			
2022/23-4	MO-CAM	matrix spike dup, rec	3/9/2023	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike, RPD	3/9/2023	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-4	MO-FIL	matrix spike	3/9/2023	Metal	Chromium	Total	=	58.9	µg/L	EPA 200.8	0.089	0.2			
2022/23-4	MO-FIL	matrix spike, rec	3/9/2023	Metal	Chromium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike dup	3/9/2023	Metal	Chromium	Total	=	59	µg/L	EPA 200.8	0.089	0.2			
2022/23-4	MO-FIL	matrix spike dup, rec	3/9/2023	Metal	Chromium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike, RPD	3/9/2023	Metal	Chromium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/6/2023	Metal	Chromium VI	n/a	=	5.18	µg/L	EPA 218.6	0.0079	0.02			
2022/23-4	000NONPJ	matrix spike, rec	3/6/2023	Metal	Chromium VI	n/a	=	97	%	EPA 218.6	-88	-88	88	112	
2022/23-4	000NONPJ	matrix spike dup	3/6/2023	Metal	Chromium VI	n/a	=	5.4	µg/L	EPA 218.6	0.0079	0.02			
2022/23-4	000NONPJ	matrix spike dup, rec	3/6/2023	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	000NONPJ	matrix spike, RPD	3/6/2023	Metal	Chromium VI	n/a	=	4	%	EPA 218.6	-88	-88	0	10	
2022/23-4	000NONPJ	matrix spike	3/6/2023	Metal	Chromium VI	n/a	=	5.54	µg/L	EPA 218.6	0.0079	0.02			
2022/23-4	000NONPJ	matrix spike, rec	3/6/2023	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	88	112	
2022/23-4	000NONPJ	matrix spike dup	3/6/2023	Metal	Chromium VI	n/a	=	5.47	µg/L	EPA 218.6	0.0079	0.02			
2022/23-4	000NONPJ	matrix spike dup, rec	3/6/2023	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2022/23-4	000NONPJ	matrix spike, RPD	3/6/2023	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	
2022/23-4	Lab	method blank	3/6/2023	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2022/23-4	Lab	LCS	3/6/2023	Metal	Chromium VI	n/a	=	5.39	µg/L	EPA 218.6	0.0079	0.02			
2022/23-4	Lab	LCS, rec	3/6/2023	Metal	Chromium VI	n/a	=	108	%	EPA 218.6	-88	-88	90	110	
2022/23-4	Lab	method blank	3/10/2023	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2022/23-4	Lab	LCS	3/10/2023	Metal	Chromium VI	n/a	=	4.71	µg/L	EPA 218.6	0.0079	0.02			
2022/23-4	Lab	LCS, rec	3/10/2023	Metal	Chromium VI	n/a	=	94	%	EPA 218.6	-88	-88	90	110	
2022/23-4	MO-VEN	matrix spike	3/10/2023	Metal	Chromium VI	n/a	=	5.63	µg/L	EPA 218.6	0.0079	0.02			
2022/23-4	MO-VEN	matrix spike, rec	3/10/2023	Metal	Chromium VI	n/a	=	96	%	EPA 218.6	-88	-88	88	112	
2022/23-4	MO-VEN	matrix spike dup	3/10/2023	Metal	Chromium VI	n/a	=	5.58	µg/L	EPA 218.6	0.0079	0.02			
2022/23-4	MO-VEN	matrix spike dup, rec	3/10/2023	Metal	Chromium VI	n/a	=	95	%	EPA 218.6	-88	-88	88	112	
2022/23-4	MO-VEN	matrix spike, RPD	3/10/2023	Metal	Chromium VI	n/a	=	0.9	%	EPA 218.6	-88	-88	0	10	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Copper	Dissolved	=	257	µg/L	EPA 200.8	0.23	0.5			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Copper	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Copper	Dissolved	=	255	µg/L	EPA 200.8	0.23	0.5			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Copper	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Copper	Dissolved	=	0.7	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-4	Lab	LCS	3/9/2023	Metal	Copper	Dissolved	=	50.3	µg/L	EPA 200.8	0.23	0.5			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Copper	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-4	Lab	LCS	3/13/2023	Metal	Copper	Dissolved	=	48.9	µg/L	EPA 200.8	0.23	0.5			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Copper	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Copper	Total	=	257	µg/L	EPA 200.8	0.23	0.5			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Copper	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Copper	Total	=	255	µg/L	EPA 200.8	0.23	0.5			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Copper	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Copper	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-4	Lab	LCS	3/9/2023	Metal	Copper	Total	=	50.3	µg/L	EPA 200.8	0.23	0.5			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-4	Lab	LCS	3/13/2023	Metal	Copper	Total	=	48.9	µg/L	EPA 200.8	0.23	0.5			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-4	MO-CAM	matrix spike	3/9/2023	Metal	Copper	Total	=	58.6	µg/L	EPA 200.8	0.23	0.5			
2022/23-4	MO-CAM	matrix spike, rec	3/9/2023	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike dup	3/9/2023	Metal	Copper	Total	=	59.1	µg/L	EPA 200.8	0.23	0.5			
2022/23-4	MO-CAM	matrix spike dup, rec	3/9/2023	Metal	Copper	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike, RPD	3/9/2023	Metal	Copper	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2022/23-4	MO-FIL	matrix spike	3/9/2023	Metal	Copper	Total	=	62.5	µg/L	EPA 200.8	0.23	0.5			
2022/23-4	MO-FIL	matrix spike, rec	3/9/2023	Metal	Copper	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike dup	3/9/2023	Metal	Copper	Total	=	62.6	µg/L	EPA 200.8	0.23	0.5			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	MO-FIL	matrix spike dup, rec	3/9/2023	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike, RPD	3/9/2023	Metal	Copper	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Iron	Dissolved	=	1160	µg/L	EPA 200.8	3.9	20			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Iron	Dissolved	=	109	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Iron	Dissolved	=	1160	µg/L	EPA 200.8	3.9	20			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Iron	Dissolved	=	110	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Iron	Dissolved	=	0.5	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-4	Lab	LCS	3/9/2023	Metal	Iron	Dissolved	=	1130	µg/L	EPA 200.8	3.9	20			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Iron	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-4	Lab	LCS	3/13/2023	Metal	Iron	Dissolved	=	1140	µg/L	EPA 200.8	3.9	20			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Iron	Dissolved	=	109	%	EPA 200.8	-88	-88	85	115	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Iron	Total	=	1160	µg/L	EPA 200.8	3.9	20			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Iron	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Iron	Total	=	1160	µg/L	EPA 200.8	3.9	20			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Iron	Total	=	110	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Iron	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/14/2023	Metal	Iron	Total	=	1100	µg/L	EPA 200.8	3.9	20			
2022/23-4	000NONPJ	matrix spike, rec	3/14/2023	Metal	Iron	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/14/2023	Metal	Iron	Total	=	1090	µg/L	EPA 200.8	3.9	20			
2022/23-4	000NONPJ	matrix spike dup, rec	3/14/2023	Metal	Iron	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/14/2023	Metal	Iron	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-4	Lab	LCS	3/9/2023	Metal	Iron	Total	=	1130	µg/L	EPA 200.8	3.9	20			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Iron	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-4	Lab	LCS	3/13/2023	Metal	Iron	Total	=	1140	µg/L	EPA 200.8	3.9	20			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Iron	Total	=	109	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/14/2023	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-4	Lab	LCS	3/14/2023	Metal	Iron	Total	=	1110	µg/L	EPA 200.8	3.9	20			
2022/23-4	Lab	LCS, rec	3/14/2023	Metal	Iron	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2022/23-4	MO-CAM	matrix spike	3/9/2023	Metal	Iron	Total	=	2360	µg/L	EPA 200.8	3.9	20			
2022/23-4	MO-CAM	matrix spike, rec	3/9/2023	Metal	Iron	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike dup	3/9/2023	Metal	Iron	Total	=	2360	µg/L	EPA 200.8	3.9	20			
2022/23-4	MO-CAM	matrix spike dup, rec	3/9/2023	Metal	Iron	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike, RPD	3/9/2023	Metal	Iron	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2022/23-4	MO-FIL	matrix spike	3/9/2023	Metal	Iron	Total	=	6460	µg/L	EPA 200.8	3.9	20			
2022/23-4	MO-FIL	matrix spike, rec	3/9/2023	Metal	Iron	Total	=	123	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike dup	3/9/2023	Metal	Iron	Total	=	6420	µg/L	EPA 200.8	3.9	20			
2022/23-4	MO-FIL	matrix spike dup, rec	3/9/2023	Metal	Iron	Total	=	118	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike, RPD	3/9/2023	Metal	Iron	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Lead	Dissolved	=	48.4	µg/L	EPA 200.8	0.083	0.2			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Lead	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Lead	Dissolved	=	47.9	µg/L	EPA 200.8	0.083	0.2			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Lead	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Lead	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	method blank	3/9/2023	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-4	Lab	LCS	3/9/2023	Metal	Lead	Dissolved	=	51.1	µg/L	EPA 200.8	0.083	0.2			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Lead	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-4	Lab	LCS	3/13/2023	Metal	Lead	Dissolved	=	47.8	µg/L	EPA 200.8	0.083	0.2			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Lead	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Lead	Total	=	48.4	µg/L	EPA 200.8	0.083	0.2			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Lead	Total	=	47.9	µg/L	EPA 200.8	0.083	0.2			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Lead	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-4	Lab	LCS	3/9/2023	Metal	Lead	Total	=	51.1	µg/L	EPA 200.8	0.083	0.2			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-4	Lab	LCS	3/13/2023	Metal	Lead	Total	=	47.8	µg/L	EPA 200.8	0.083	0.2			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Lead	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2022/23-4	MO-CAM	matrix spike	3/9/2023	Metal	Lead	Total	=	53	µg/L	EPA 200.8	0.083	0.2			
2022/23-4	MO-CAM	matrix spike, rec	3/9/2023	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike dup	3/9/2023	Metal	Lead	Total	=	52.9	µg/L	EPA 200.8	0.083	0.2			
2022/23-4	MO-CAM	matrix spike dup, rec	3/9/2023	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike, RPD	3/9/2023	Metal	Lead	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2022/23-4	MO-FIL	matrix spike	3/9/2023	Metal	Lead	Total	=	55	µg/L	EPA 200.8	0.083	0.2			
2022/23-4	MO-FIL	matrix spike, rec	3/9/2023	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike dup	3/9/2023	Metal	Lead	Total	=	55.2	µg/L	EPA 200.8	0.083	0.2			
2022/23-4	MO-FIL	matrix spike dup, rec	3/9/2023	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike, RPD	3/9/2023	Metal	Lead	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/7/2023	Metal	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50			
2022/23-4	Lab	LCS	3/7/2023	Metal	Mercury	Dissolved	=	1140	ng/L	EPA 245.1	37	50			
2022/23-4	Lab	LCS, rec	3/7/2023	Metal	Mercury	Dissolved	=	114	%	EPA 245.1	-88	-88	85	115	
2022/23-4	Lab	method blank	3/10/2023	Metal	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50			
2022/23-4	Lab	LCS	3/10/2023	Metal	Mercury	Dissolved	=	1020	ng/L	EPA 245.1	37	50			
2022/23-4	Lab	LCS, rec	3/10/2023	Metal	Mercury	Dissolved	=	102	%	EPA 245.1	-88	-88	85	115	
2022/23-4	ME-CC	matrix spike	3/7/2023	Metal	Mercury	Dissolved	=	1030	ng/L	EPA 245.1	37	50			
2022/23-4	ME-CC	matrix spike, rec	3/7/2023	Metal	Mercury	Dissolved	=	103	%	EPA 245.1	-88	-88	70	130	
2022/23-4	ME-CC	matrix spike dup	3/7/2023	Metal	Mercury	Dissolved	=	1050	ng/L	EPA 245.1	37	50			
2022/23-4	ME-CC	matrix spike dup, rec	3/7/2023	Metal	Mercury	Dissolved	=	105	%	EPA 245.1	-88	-88	70	130	
2022/23-4	ME-CC	matrix spike, RPD	3/7/2023	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	
2022/23-4	ME-SCR	matrix spike	3/7/2023	Metal	Mercury	Dissolved	=	1030	ng/L	EPA 245.1	37	50			
2022/23-4	ME-SCR	matrix spike, rec	3/7/2023	Metal	Mercury	Dissolved	=	103	%	EPA 245.1	-88	-88	70	130	
2022/23-4	ME-SCR	matrix spike dup	3/7/2023	Metal	Mercury	Dissolved	=	1090	ng/L	EPA 245.1	37	50			
2022/23-4	ME-SCR	matrix spike dup, rec	3/7/2023	Metal	Mercury	Dissolved	=	109	%	EPA 245.1	-88	-88	70	130	
2022/23-4	ME-SCR	matrix spike, RPD	3/7/2023	Metal	Mercury	Dissolved	=	6	%	EPA 245.1	-88	-88	0	20	
2022/23-4	MO-HUE	matrix spike	3/10/2023	Metal	Mercury	Dissolved	=	1080	ng/L	EPA 245.1	37	50			
2022/23-4	MO-HUE	matrix spike, rec	3/10/2023	Metal	Mercury	Dissolved	=	108	%	EPA 245.1	-88	-88	70	130	
2022/23-4	MO-HUE	matrix spike dup	3/10/2023	Metal	Mercury	Dissolved	=	1030	ng/L	EPA 245.1	37	50			
2022/23-4	MO-HUE	matrix spike dup, rec	3/10/2023	Metal	Mercury	Dissolved	=	103	%	EPA 245.1	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	MO-HUE	matrix spike, RPD	3/10/2023	Metal	Mercury	Dissolved	=	5	%	EPA 245.1	-88	-88	0	20	
2022/23-4	MO-VEN	matrix spike	3/10/2023	Metal	Mercury	Dissolved	=	1080	ng/L	EPA 245.1	37	50			
2022/23-4	MO-VEN	matrix spike, rec	3/10/2023	Metal	Mercury	Dissolved	=	108	%	EPA 245.1	-88	-88	70	130	
2022/23-4	MO-VEN	matrix spike dup	3/10/2023	Metal	Mercury	Dissolved	=	1030	ng/L	EPA 245.1	37	50			
2022/23-4	MO-VEN	matrix spike dup, rec	3/10/2023	Metal	Mercury	Dissolved	=	103	%	EPA 245.1	-88	-88	70	130	
2022/23-4	MO-VEN	matrix spike, RPD	3/10/2023	Metal	Mercury	Dissolved	=	5	%	EPA 245.1	-88	-88	0	20	
2022/23-4	Lab	method blank	3/7/2023	Metal	Mercury	Total	<	37	ng/L	EPA 245.1	37	50			
2022/23-4	Lab	LCS	3/7/2023	Metal	Mercury	Total	=	1140	ng/L	EPA 245.1	37	50			
2022/23-4	Lab	LCS, rec	3/7/2023	Metal	Mercury	Total	=	114	%	EPA 245.1	-88	-88	85	115	
2022/23-4	Lab	method blank	3/10/2023	Metal	Mercury	Total	<	37	ng/L	EPA 245.1	37	50			
2022/23-4	Lab	LCS	3/10/2023	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	37	50			
2022/23-4	Lab	LCS, rec	3/10/2023	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	85	115	
2022/23-4	ME-CC	matrix spike	3/7/2023	Metal	Mercury	Total	=	1030	ng/L	EPA 245.1	37	50			
2022/23-4	ME-CC	matrix spike, rec	3/7/2023	Metal	Mercury	Total	=	103	%	EPA 245.1	-88	-88	70	130	
2022/23-4	ME-CC	matrix spike dup	3/7/2023	Metal	Mercury	Total	=	1050	ng/L	EPA 245.1	37	50			
2022/23-4	ME-CC	matrix spike dup, rec	3/7/2023	Metal	Mercury	Total	=	105	%	EPA 245.1	-88	-88	70	130	
2022/23-4	ME-CC	matrix spike, RPD	3/7/2023	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2022/23-4	ME-SCR	matrix spike	3/7/2023	Metal	Mercury	Total	=	1030	ng/L	EPA 245.1	37	50			
2022/23-4	ME-SCR	matrix spike, rec	3/7/2023	Metal	Mercury	Total	=	103	%	EPA 245.1	-88	-88	70	130	
2022/23-4	ME-SCR	matrix spike dup	3/7/2023	Metal	Mercury	Total	=	1090	ng/L	EPA 245.1	37	50			
2022/23-4	ME-SCR	matrix spike dup, rec	3/7/2023	Metal	Mercury	Total	=	109	%	EPA 245.1	-88	-88	70	130	
2022/23-4	ME-SCR	matrix spike, RPD	3/7/2023	Metal	Mercury	Total	=	6	%	EPA 245.1	-88	-88	0	20	
2022/23-4	MO-HUE	matrix spike	3/10/2023	Metal	Mercury	Total	=	1080	ng/L	EPA 245.1	37	50			
2022/23-4	MO-HUE	matrix spike, rec	3/10/2023	Metal	Mercury	Total	=	108	%	EPA 245.1	-88	-88	70	130	
2022/23-4	MO-HUE	matrix spike dup	3/10/2023	Metal	Mercury	Total	=	1030	ng/L	EPA 245.1	37	50			
2022/23-4	MO-HUE	matrix spike dup, rec	3/10/2023	Metal	Mercury	Total	=	103	%	EPA 245.1	-88	-88	70	130	
2022/23-4	MO-HUE	matrix spike, RPD	3/10/2023	Metal	Mercury	Total	=	5	%	EPA 245.1	-88	-88	0	20	
2022/23-4	MO-VEN	matrix spike	3/10/2023	Metal	Mercury	Total	=	1080	ng/L	EPA 245.1	37	50			
2022/23-4	MO-VEN	matrix spike, rec	3/10/2023	Metal	Mercury	Total	=	108	%	EPA 245.1	-88	-88	70	130	
2022/23-4	MO-VEN	matrix spike dup	3/10/2023	Metal	Mercury	Total	=	1030	ng/L	EPA 245.1	37	50			
2022/23-4	MO-VEN	matrix spike dup, rec	3/10/2023	Metal	Mercury	Total	=	103	%	EPA 245.1	-88	-88	70	130	
2022/23-4	MO-VEN	matrix spike, RPD	3/10/2023	Metal	Mercury	Total	=	5	%	EPA 245.1	-88	-88	0	20	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Nickel	Dissolved	=	49.9	µg/L	EPA 200.8	0.16	2			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Nickel	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Nickel	Dissolved	=	50	µg/L	EPA 200.8	0.16	2			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Nickel	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Nickel	Dissolved	=	0.09	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2022/23-4	Lab	LCS	3/9/2023	Metal	Nickel	Dissolved	=	50.2	µg/L	EPA 200.8	0.16	2			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Nickel	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2022/23-4	Lab	LCS	3/13/2023	Metal	Nickel	Dissolved	=	49	µg/L	EPA 200.8	0.16	2			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Nickel	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Nickel	Total	=	49.9	µg/L	EPA 200.8	0.4	2			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Nickel	Total	=	50	µg/L	EPA 200.8	0.4	2			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Nickel	Total	=	0.09	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Nickel	Total	<	0.4	µg/L	EPA 200.8	0.4	2			
2022/23-4	Lab	LCS	3/9/2023	Metal	Nickel	Total	=	50.2	µg/L	EPA 200.8	0.4	2			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Nickel	Total	<	0.4	µg/L	EPA 200.8	0.4	2			
2022/23-4	Lab	LCS	3/13/2023	Metal	Nickel	Total	=	49	µg/L	EPA 200.8	0.4	2			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-4	MO-CAM	matrix spike	3/9/2023	Metal	Nickel	Total	=	52.4	µg/L	EPA 200.8	0.4	2			
2022/23-4	MO-CAM	matrix spike, rec	3/9/2023	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike dup	3/9/2023	Metal	Nickel	Total	=	52.9	µg/L	EPA 200.8	0.4	2			
2022/23-4	MO-CAM	matrix spike dup, rec	3/9/2023	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike, RPD	3/9/2023	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-4	MO-FIL	matrix spike	3/9/2023	Metal	Nickel	Total	=	58.3	µg/L	EPA 200.8	0.4	2			
2022/23-4	MO-FIL	matrix spike, rec	3/9/2023	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike dup	3/9/2023	Metal	Nickel	Total	=	59.2	µg/L	EPA 200.8	0.4	2			
2022/23-4	MO-FIL	matrix spike dup, rec	3/9/2023	Metal	Nickel	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike, RPD	3/9/2023	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Selenium	Dissolved	=	48.1	µg/L	EPA 200.8	0.067	0.4			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Selenium	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Selenium	Dissolved	=	47.3	µg/L	EPA 200.8	0.067	0.4			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Selenium	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Selenium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-4	Lab	LCS	3/9/2023	Metal	Selenium	Dissolved	=	51	µg/L	EPA 200.8	0.067	0.4			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Selenium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-4	Lab	LCS	3/13/2023	Metal	Selenium	Dissolved	=	48.1	µg/L	EPA 200.8	0.067	0.4			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Selenium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Selenium	Total	=	48.1	µg/L	EPA 200.8	0.067	0.4			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Selenium	Total	=	47.3	µg/L	EPA 200.8	0.067	0.4			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-4	Lab	LCS	3/9/2023	Metal	Selenium	Total	=	51	µg/L	EPA 200.8	0.067	0.4			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Selenium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-4	Lab	LCS	3/13/2023	Metal	Selenium	Total	=	48.1	µg/L	EPA 200.8	0.067	0.4			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2022/23-4	MO-CAM	matrix spike	3/9/2023	Metal	Selenium	Total	=	50.1	µg/L	EPA 200.8	0.067	0.4			
2022/23-4	MO-CAM	matrix spike, rec	3/9/2023	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike dup	3/9/2023	Metal	Selenium	Total	=	49.8	µg/L	EPA 200.8	0.067	0.4			
2022/23-4	MO-CAM	matrix spike dup, rec	3/9/2023	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike, RPD	3/9/2023	Metal	Selenium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2022/23-4	MO-FIL	matrix spike	3/9/2023	Metal	Selenium	Total	=	50.2	µg/L	EPA 200.8	0.067	0.4			
2022/23-4	MO-FIL	matrix spike, rec	3/9/2023	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike dup	3/9/2023	Metal	Selenium	Total	=	50.1	µg/L	EPA 200.8	0.067	0.4			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	MO-FIL	matrix spike dup, rec	3/9/2023	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike, RPD	3/9/2023	Metal	Selenium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Silver	Dissolved	=	49.2	µg/L	EPA 200.8	0.03	0.2			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Silver	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Silver	Dissolved	=	48.9	µg/L	EPA 200.8	0.03	0.2			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Silver	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Silver	Dissolved	=	0.5	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2022/23-4	Lab	LCS	3/9/2023	Metal	Silver	Dissolved	=	50.4	µg/L	EPA 200.8	0.03	0.2			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Silver	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2022/23-4	Lab	LCS	3/13/2023	Metal	Silver	Dissolved	=	49.7	µg/L	EPA 200.8	0.03	0.2			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Silver	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Silver	Total	=	49.2	µg/L	EPA 200.8	0.055	0.2			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Silver	Total	=	48.9	µg/L	EPA 200.8	0.055	0.2			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Silver	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2			
2022/23-4	Lab	LCS	3/9/2023	Metal	Silver	Total	=	50.4	µg/L	EPA 200.8	0.055	0.2			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Silver	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2			
2022/23-4	Lab	LCS	3/13/2023	Metal	Silver	Total	=	49.7	µg/L	EPA 200.8	0.055	0.2			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-4	MO-CAM	matrix spike	3/9/2023	Metal	Silver	Total	=	50.4	µg/L	EPA 200.8	0.055	0.2			
2022/23-4	MO-CAM	matrix spike, rec	3/9/2023	Metal	Silver	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike dup	3/9/2023	Metal	Silver	Total	=	50.2	µg/L	EPA 200.8	0.055	0.2			
2022/23-4	MO-CAM	matrix spike dup, rec	3/9/2023	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike, RPD	3/9/2023	Metal	Silver	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2022/23-4	MO-FIL	matrix spike	3/9/2023	Metal	Silver	Total	=	51.3	µg/L	EPA 200.8	0.055	0.2			
2022/23-4	MO-FIL	matrix spike, rec	3/9/2023	Metal	Silver	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike dup	3/9/2023	Metal	Silver	Total	=	51.5	µg/L	EPA 200.8	0.055	0.2			
2022/23-4	MO-FIL	matrix spike dup, rec	3/9/2023	Metal	Silver	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike, RPD	3/9/2023	Metal	Silver	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Thallium	Dissolved	=	48.5	µg/L	EPA 200.8	0.021	0.2			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Thallium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Thallium	Dissolved	=	48	µg/L	EPA 200.8	0.021	0.2			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Thallium	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Thallium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-4	Lab	LCS	3/9/2023	Metal	Thallium	Dissolved	=	50.8	µg/L	EPA 200.8	0.021	0.2			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Thallium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-4	Lab	LCS	3/13/2023	Metal	Thallium	Dissolved	=	47.7	µg/L	EPA 200.8	0.021	0.2			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Thallium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Thallium	Total	=	48.5	µg/L	EPA 200.8	0.021	0.2			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Thallium	Total	=	48	µg/L	EPA 200.8	0.021	0.2			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Thallium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-4	Lab	LCS	3/9/2023	Metal	Thallium	Total	=	50.8	µg/L	EPA 200.8	0.021	0.2			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-4	Lab	LCS	3/13/2023	Metal	Thallium	Total	=	47.7	µg/L	EPA 200.8	0.021	0.2			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Thallium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2022/23-4	MO-CAM	matrix spike	3/9/2023	Metal	Thallium	Total	=	50.2	µg/L	EPA 200.8	0.021	0.2			
2022/23-4	MO-CAM	matrix spike, rec	3/9/2023	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike dup	3/9/2023	Metal	Thallium	Total	=	50.3	µg/L	EPA 200.8	0.021	0.2			
2022/23-4	MO-CAM	matrix spike dup, rec	3/9/2023	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike, RPD	3/9/2023	Metal	Thallium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2022/23-4	MO-FIL	matrix spike	3/9/2023	Metal	Thallium	Total	=	51	µg/L	EPA 200.8	0.021	0.2			
2022/23-4	MO-FIL	matrix spike, rec	3/9/2023	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike dup	3/9/2023	Metal	Thallium	Total	=	51.2	µg/L	EPA 200.8	0.021	0.2			
2022/23-4	MO-FIL	matrix spike dup, rec	3/9/2023	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike, RPD	3/9/2023	Metal	Thallium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Zinc	Dissolved	=	51.9	µg/L	EPA 200.8	0.8	10			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Zinc	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Zinc	Dissolved	=	50.6	µg/L	EPA 200.8	0.8	10			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Zinc	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Zinc	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Zinc	Dissolved	<	1.7	µg/L	EPA 200.8	1.7	10			
2022/23-4	Lab	LCS	3/9/2023	Metal	Zinc	Dissolved	=	51.4	µg/L	EPA 200.8	1.7	10			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Zinc	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10			
2022/23-4	Lab	LCS	3/13/2023	Metal	Zinc	Dissolved	=	47.4	µg/L	EPA 200.8	0.8	10			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Zinc	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Metal	Zinc	Total	=	51.9	µg/L	EPA 200.8	1.7	10			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Metal	Zinc	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Metal	Zinc	Total	=	50.6	µg/L	EPA 200.8	1.7	10			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Metal	Zinc	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-4	Lab	method blank	3/9/2023	Metal	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10			
2022/23-4	Lab	LCS	3/9/2023	Metal	Zinc	Total	=	51.4	µg/L	EPA 200.8	1.7	10			
2022/23-4	Lab	LCS, rec	3/9/2023	Metal	Zinc	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Metal	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10			
2022/23-4	Lab	LCS	3/13/2023	Metal	Zinc	Total	=	47.4	µg/L	EPA 200.8	1.7	10			
2022/23-4	Lab	LCS, rec	3/13/2023	Metal	Zinc	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2022/23-4	MO-CAM	matrix spike	3/9/2023	Metal	Zinc	Total	=	112	µg/L	EPA 200.8	1.7	10			
2022/23-4	MO-CAM	matrix spike, rec	3/9/2023	Metal	Zinc	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike dup	3/9/2023	Metal	Zinc	Total	=	112	µg/L	EPA 200.8	1.7	10			
2022/23-4	MO-CAM	matrix spike dup, rec	3/9/2023	Metal	Zinc	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-CAM	matrix spike, RPD	3/9/2023	Metal	Zinc	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2022/23-4	MO-FIL	matrix spike	3/9/2023	Metal	Zinc	Total	=	116	µg/L	EPA 200.8	1.7	10			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	MO-FIL	matrix spike, rec	3/9/2023	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike dup	3/9/2023	Metal	Zinc	Total	=	117	µg/L	EPA 200.8	1.7	10			
2022/23-4	MO-FIL	matrix spike dup, rec	3/9/2023	Metal	Zinc	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-4	MO-FIL	matrix spike, RPD	3/9/2023	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Nutrient	Ammonia as N	n/a	=	0.271	mg/L	EPA 350.1	0.017	0.1			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Nutrient	Ammonia as N	n/a	=	0.271	mg/L	EPA 350.1	0.017	0.1			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Nutrient	Ammonia as N	n/a	=	0.1	%	EPA 350.1	-88	-88	0	15	
2022/23-4	000NONPJ	lab duplicate	3/13/2023	Nutrient	Ammonia as N	n/a	DNQ	0.0954	mg/L	EPA 350.1	0.017	0.1		15	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Nutrient	Ammonia as N	n/a	=	0.677	mg/L	EPA 350.1	0.017	0.1			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Nutrient	Ammonia as N	n/a	=	0.675	mg/L	EPA 350.1	0.017	0.1			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Nutrient	Ammonia as N	n/a	=	0.3	%	EPA 350.1	-88	-88	0	15	
2022/23-4	Lab	method blank	3/13/2023	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2022/23-4	Lab	LCS	3/13/2023	Nutrient	Ammonia as N	n/a	=	0.259	mg/L	EPA 350.1	0.017	0.1			
2022/23-4	Lab	LCS, rec	3/13/2023	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	
2022/23-4	Lab	method blank	3/13/2023	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2022/23-4	Lab	LCS	3/13/2023	Nutrient	Ammonia as N	n/a	=	0.252	mg/L	EPA 350.1	0.017	0.1			
2022/23-4	Lab	LCS, rec	3/13/2023	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2022/23-4	Lab	method blank	3/13/2023	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2022/23-4	Lab	LCS	3/13/2023	Nutrient	Ammonia as N	n/a	=	0.255	mg/L	EPA 350.1	0.017	0.1			
2022/23-4	Lab	LCS, rec	3/13/2023	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2022/23-4	Lab	method blank	3/13/2023	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2022/23-4	Lab	LCS	3/13/2023	Nutrient	Ammonia as N	n/a	=	0.264	mg/L	EPA 350.1	0.017	0.1			
2022/23-4	Lab	LCS, rec	3/13/2023	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2022/23-4	MO-SPA	matrix spike	3/13/2023	Nutrient	Ammonia as N	n/a	=	0.483	mg/L	EPA 350.1	0.017	0.1			
2022/23-4	MO-SPA	matrix spike, rec	3/13/2023	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2022/23-4	MO-SPA	matrix spike dup	3/13/2023	Nutrient	Ammonia as N	n/a	=	0.479	mg/L	EPA 350.1	0.017	0.1			
2022/23-4	MO-SPA	matrix spike dup, rec	3/13/2023	Nutrient	Ammonia as N	n/a	=	97	%	EPA 350.1	-88	-88	90	110	
2022/23-4	MO-SPA	matrix spike, RPD	3/13/2023	Nutrient	Ammonia as N	n/a	=	0.9	%	EPA 350.1	-88	-88	0	15	
2022/23-4	MO-VEN	matrix spike	3/13/2023	Nutrient	Ammonia as N	n/a	=	0.386	mg/L	EPA 350.1	0.017	0.1			
2022/23-4	MO-VEN	matrix spike, rec	3/13/2023	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2022/23-4	MO-VEN	matrix spike dup	3/13/2023	Nutrient	Ammonia as N	n/a	=	0.387	mg/L	EPA 350.1	0.017	0.1			
2022/23-4	MO-VEN	matrix spike dup, rec	3/13/2023	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2022/23-4	MO-VEN	matrix spike, RPD	3/13/2023	Nutrient	Ammonia as N	n/a	=	0.08	%	EPA 350.1	-88	-88	0	15	
2022/23-4	000NONPJ	matrix spike	3/8/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	2.03	mg/L	EPA 353.2	0.036	0.2			
2022/23-4	000NONPJ	matrix spike, rec	3/8/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike dup	3/8/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	2.02	mg/L	EPA 353.2	0.036	0.2			
2022/23-4	000NONPJ	matrix spike dup, rec	3/8/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike, RPD	3/8/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	
2022/23-4	000NONPJ	matrix spike	3/8/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	3.36	mg/L	EPA 353.2	0.036	0.2			
2022/23-4	000NONPJ	matrix spike, rec	3/8/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike dup	3/8/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	3.36	mg/L	EPA 353.2	0.036	0.2			
2022/23-4	000NONPJ	matrix spike dup, rec	3/8/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike, RPD	3/8/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	method blank	3/8/2023	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2022/23-4	Lab	LCS	3/8/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	1.04	mg/L	EPA 353.2	0.036	0.2			
2022/23-4	Lab	LCS, rec	3/8/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike	2/27/2023	Nutrient	Nitrate as N	n/a	=	2.58	mg/L	EPA 353.2	0.04	0.2			
2022/23-4	000NONPJ	matrix spike, rec	2/27/2023	Nutrient	Nitrate as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike dup	2/27/2023	Nutrient	Nitrate as N	n/a	=	2.67	mg/L	EPA 353.2	0.04	0.2			
2022/23-4	000NONPJ	matrix spike dup, rec	2/27/2023	Nutrient	Nitrate as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike, RPD	2/27/2023	Nutrient	Nitrate as N	n/a	=	3	%	EPA 353.2	-88	-88	0	20	
2022/23-4	Lab	method blank	2/27/2023	Nutrient	Nitrate as N	n/a	<	0.04	mg/L	EPA 353.2	0.04	0.2			
2022/23-4	Lab	LCS	2/27/2023	Nutrient	Nitrate as N	n/a	=	0.975	mg/L	EPA 353.2	0.04	0.2			
2022/23-4	Lab	LCS, rec	2/27/2023	Nutrient	Nitrate as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Nutrient	Phosphorus as P	Dissolved	=	2.54	mg/L	EPA 200.7	0.018	0.05			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Nutrient	Phosphorus as P	Dissolved	=	124	%	EPA 200.7	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Nutrient	Phosphorus as P	Dissolved	=	2.19	mg/L	EPA 200.7	0.018	0.05			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Nutrient	Phosphorus as P	Dissolved	=	107	%	EPA 200.7	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Nutrient	Phosphorus as P	Dissolved	=	15	%	EPA 200.7	-88	-88	0	30	
2022/23-4	Lab	method blank	3/10/2023	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2022/23-4	Lab	LCS	3/10/2023	Nutrient	Phosphorus as P	Dissolved	=	2.09	mg/L	EPA 200.7	0.018	0.05			
2022/23-4	Lab	LCS, rec	3/10/2023	Nutrient	Phosphorus as P	Dissolved	=	105	%	EPA 200.7	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2022/23-4	Lab	LCS	3/13/2023	Nutrient	Phosphorus as P	Dissolved	=	2.2	mg/L	EPA 200.7	0.018	0.05			
2022/23-4	Lab	LCS, rec	3/13/2023	Nutrient	Phosphorus as P	Dissolved	=	110	%	EPA 200.7	-88	-88	85	115	
2022/23-4	ME-CC	matrix spike	3/10/2023	Nutrient	Phosphorus as P	Dissolved	=	2.97	mg/L	EPA 200.7	0.018	0.05			
2022/23-4	ME-CC	matrix spike, rec	3/10/2023	Nutrient	Phosphorus as P	Dissolved	=	127	%	EPA 200.7	-88	-88	70	130	
2022/23-4	ME-CC	matrix spike dup	3/10/2023	Nutrient	Phosphorus as P	Dissolved	=	2.99	mg/L	EPA 200.7	0.018	0.05			
2022/23-4	ME-CC	matrix spike dup, rec	3/10/2023	Nutrient	Phosphorus as P	Dissolved	=	128	%	EPA 200.7	-88	-88	70	130	
2022/23-4	ME-CC	matrix spike, RPD	3/10/2023	Nutrient	Phosphorus as P	Dissolved	=	0.6	%	EPA 200.7	-88	-88	0	30	
2022/23-4	MO-SIM	matrix spike	3/10/2023	Nutrient	Phosphorus as P	Dissolved	=	2.52	mg/L	EPA 200.7	0.018	0.05			
2022/23-4	MO-SIM	matrix spike, rec	3/10/2023	Nutrient	Phosphorus as P	Dissolved	=	120	%	EPA 200.7	-88	-88	70	130	
2022/23-4	MO-SIM	matrix spike dup	3/10/2023	Nutrient	Phosphorus as P	Dissolved	=	2.53	mg/L	EPA 200.7	0.018	0.05			
2022/23-4	MO-SIM	matrix spike dup, rec	3/10/2023	Nutrient	Phosphorus as P	Dissolved	=	120	%	EPA 200.7	-88	-88	70	130	
2022/23-4	MO-SIM	matrix spike, RPD	3/10/2023	Nutrient	Phosphorus as P	Dissolved	=	0.2	%	EPA 200.7	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/13/2023	Nutrient	Phosphorus as P	Total	=	2.54	mg/L	EPA 200.7	0.018	0.05			
2022/23-4	000NONPJ	matrix spike, rec	3/13/2023	Nutrient	Phosphorus as P	Total	=	124	%	EPA 200.7	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/13/2023	Nutrient	Phosphorus as P	Total	=	2.19	mg/L	EPA 200.7	0.018	0.05			
2022/23-4	000NONPJ	matrix spike dup, rec	3/13/2023	Nutrient	Phosphorus as P	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/13/2023	Nutrient	Phosphorus as P	Total	=	15	%	EPA 200.7	-88	-88	0	30	
2022/23-4	Lab	method blank	3/10/2023	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2022/23-4	Lab	LCS	3/10/2023	Nutrient	Phosphorus as P	Total	=	2.09	mg/L	EPA 200.7	0.018	0.05			
2022/23-4	Lab	LCS, rec	3/10/2023	Nutrient	Phosphorus as P	Total	=	105	%	EPA 200.7	-88	-88	85	115	
2022/23-4	Lab	method blank	3/13/2023	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2022/23-4	Lab	LCS	3/13/2023	Nutrient	Phosphorus as P	Total	=	2.2	mg/L	EPA 200.7	0.018	0.05			
2022/23-4	Lab	LCS, rec	3/13/2023	Nutrient	Phosphorus as P	Total	=	110	%	EPA 200.7	-88	-88	85	115	
2022/23-4	ME-CC	matrix spike	3/10/2023	Nutrient	Phosphorus as P	Total	=	2.97	mg/L	EPA 200.7	0.018	0.05			
2022/23-4	ME-CC	matrix spike, rec	3/10/2023	Nutrient	Phosphorus as P	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2022/23-4	ME-CC	matrix spike dup	3/10/2023	Nutrient	Phosphorus as P	Total	=	2.99	mg/L	EPA 200.7	0.018	0.05			
2022/23-4	ME-CC	matrix spike dup, rec	3/10/2023	Nutrient	Phosphorus as P	Total	=	103	%	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	
2022/23-4	ME-CC	matrix spike, RPD	3/10/2023	Nutrient	Phosphorus as P	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	
2022/23-4	MO-SIM	matrix spike	3/10/2023	Nutrient	Phosphorus as P	Total	=	2.52	mg/L	EPA 200.7	0.018	0.05			
2022/23-4	MO-SIM	matrix spike, rec	3/10/2023	Nutrient	Phosphorus as P	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2022/23-4	MO-SIM	matrix spike dup	3/10/2023	Nutrient	Phosphorus as P	Total	=	2.53	mg/L	EPA 200.7	0.018	0.05			
2022/23-4	MO-SIM	matrix spike dup, rec	3/10/2023	Nutrient	Phosphorus as P	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2022/23-4	MO-SIM	matrix spike, RPD	3/10/2023	Nutrient	Phosphorus as P	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/21/2023	Nutrient	TKN	n/a	=	1.24	mg/L	EPA 351.2	0.065	0.1			
2022/23-4	000NONPJ	matrix spike, rec	3/21/2023	Nutrient	TKN	n/a	=	92	%	EPA 351.2	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike dup	3/21/2023	Nutrient	TKN	n/a	=	1.25	mg/L	EPA 351.2	0.065	0.1			
2022/23-4	000NONPJ	matrix spike dup, rec	3/21/2023	Nutrient	TKN	n/a	=	93	%	EPA 351.2	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike, RPD	3/21/2023	Nutrient	TKN	n/a	=	1	%	EPA 351.2	-88	-88	0	10	
2022/23-4	000NONPJ	matrix spike	3/21/2023	Nutrient	TKN	n/a	=	1.25	mg/L	EPA 351.2	0.065	0.1			
2022/23-4	000NONPJ	matrix spike, rec	3/21/2023	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike dup	3/21/2023	Nutrient	TKN	n/a	=	1.24	mg/L	EPA 351.2	0.065	0.1			
2022/23-4	000NONPJ	matrix spike dup, rec	3/21/2023	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2022/23-4	000NONPJ	matrix spike, RPD	3/21/2023	Nutrient	TKN	n/a	=	1	%	EPA 351.2	-88	-88	0	10	
2022/23-4	Lab	method blank	3/21/2023	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2022/23-4	Lab	LCS	3/21/2023	Nutrient	TKN	n/a	=	1.02	mg/L	EPA 351.2	0.065	0.1			
2022/23-4	Lab	LCS, rec	3/21/2023	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2022/23-4	Lab	method blank	3/21/2023	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2022/23-4	Lab	LCS	3/21/2023	Nutrient	TKN	n/a	=	1.03	mg/L	EPA 351.2	0.065	0.1			
2022/23-4	Lab	LCS, rec	3/21/2023	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2022/23-4	Lab	LCS	4/1/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	12.5	µg/L	EPA 625.1	0.49	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	63	%	EPA 625.1	-88	-88	57	130	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	16.3	µg/L	EPA 625.1	0.49	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	81	%	EPA 625.1	-88	-88	57	130	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	26	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-4	Lab	LCS	4/1/2023	Organic	1,2-Dichlorobenzene	n/a	=	11.8	µg/L	EPA 625.1	0.46	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	1,2-Dichlorobenzene	n/a	=	59	%	EPA 625.1	-88	-88	57	120	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	1,2-Dichlorobenzene	n/a	=	15.4	µg/L	EPA 625.1	0.46	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	1,2-Dichlorobenzene	n/a	=	77	%	EPA 625.1	-88	-88	57	120	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	1,2-Dichlorobenzene	n/a	=	27	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-4	Lab	srgt LCS	3/1/2023	Organic	1,2-Dichloroethane-d4	n/a	=	49.3	µg/L	EPA 624.1	-88	-88			
2022/23-4	Lab	srgt LCS, rec	3/1/2023	Organic	1,2-Dichloroethane-d4	n/a	=	99	%	EPA 624.1	-88	-88	82	125	
2022/23-4	Lab	srgt LCS dup	3/1/2023	Organic	1,2-Dichloroethane-d4	n/a	=	48.2	µg/L	EPA 624.1	-88	-88			
2022/23-4	Lab	srgt LCS dup, rec	3/1/2023	Organic	1,2-Dichloroethane-d4	n/a	=	96	%	EPA 624.1	-88	-88	82	125	
2022/23-4	Lab	srgt method blank	3/1/2023	Organic	1,2-Dichloroethane-d4	n/a	=	52.1	µg/L	EPA 624.1	-88	-88			
2022/23-4	Lab	srgt method blank, rec	3/1/2023	Organic	1,2-Dichloroethane-d4	n/a	=	104	%	EPA 624.1	-88	-88	82	125	
2022/23-4	ME-SCR	srgt environ	3/1/2023	Organic	1,2-Dichloroethane-d4	n/a	=	52.4	µg/L	EPA 624.1	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	3/1/2023	Organic	1,2-Dichloroethane-d4	n/a	=	105	%	EPA 624.1	-88	-88	82	125	
2022/23-4	Lab	method blank	4/1/2023	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2022/23-4	Lab	LCS	4/1/2023	Organic	1,3-Dichlorobenzene	n/a	=	11	µg/L	EPA 625.1	0.42	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	1,3-Dichlorobenzene	n/a	=	55	%	EPA 625.1	-88	-88	55	120	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	1,3-Dichlorobenzene	n/a	=	14.8	µg/L	EPA 625.1	0.42	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	1,3-Dichlorobenzene	n/a	=	74	%	EPA 625.1	-88	-88	55	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	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	1,3-Dichlorobenzene	n/a	=	29	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2022/23-4	000NONPJ	srgt matrix spike	3/10/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.434	µg/L	EPA 625.1m	-88	-88			
2022/23-4	000NONPJ	srgt matrix spike, rec	3/10/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	87	%	EPA 625.1m	-88	-88	23	148	
2022/23-4	000NONPJ	srgt matrix spike dup	3/10/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.468	µg/L	EPA 625.1m	-88	-88			
2022/23-4	000NONPJ	srgt matrix spike dup, rec	3/10/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 625.1m	-88	-88	23	148	
2022/23-4	Lab	srgt LCS	3/10/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.469	µg/L	EPA 625.1m	-88	-88			
2022/23-4	Lab	srgt LCS, rec	3/10/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 625.1m	-88	-88	23	148	
2022/23-4	Lab	srgt method blank	3/10/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.474	µg/L	EPA 625.1m	-88	-88			
2022/23-4	Lab	srgt method blank, rec	3/10/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 625.1m	-88	-88	23	148	
2022/23-4	Lab	srgt LCS	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.464	µg/L	EPA 625.1m	-88	-88			
2022/23-4	Lab	srgt LCS, rec	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 625.1m	-88	-88	23	148	
2022/23-4	Lab	srgt method blank	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.438	µg/L	EPA 625.1m	-88	-88			
2022/23-4	Lab	srgt method blank, rec	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	88	%	EPA 625.1m	-88	-88	23	148	
2022/23-4	Lab	srgt method blank	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.6	µg/L	EPA 525.2	-88	-88			
2022/23-4	Lab	srgt method blank, rec	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	srgt LCS	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.57	µg/L	EPA 525.2	-88	-88			
2022/23-4	Lab	srgt LCS, rec	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	srgt LCS dup	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.63	µg/L	EPA 525.2	-88	-88			
2022/23-4	Lab	srgt LCS dup, rec	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2022/23-4	ME-CC	srgt environ	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.786	µg/L	EPA 625.1m	-88	-88			GN
2022/23-4	ME-CC	srgt environ, rec	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	153	%	EPA 625.1m	-88	-88	23	148	GN
2022/23-4	ME-CC	srgt environ	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	25.8	µg/L	EPA 525.2	-88	-88			
2022/23-4	ME-CC	srgt environ, rec	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2022/23-4	ME-SCR	srgt environ	3/10/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.594	µg/L	EPA 625.1m	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	3/10/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	117	%	EPA 625.1m	-88	-88	23	148	
2022/23-4	ME-SCR	srgt environ	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	9.33	µg/L	EPA 525.2	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2022/23-4	ME-VR2	srgt environ	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.636	µg/L	EPA 625.1m	-88	-88			
2022/23-4	ME-VR2	srgt environ, rec	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	121	%	EPA 625.1m	-88	-88	23	148	
2022/23-4	ME-VR2	srgt environ	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	10.2	µg/L	EPA 525.2	-88	-88			
2022/23-4	ME-VR2	srgt environ, rec	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2022/23-4	MO-CAM	srgt environ	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.309	µg/L	EPA 625.1m	-88	-88			
2022/23-4	MO-CAM	srgt environ, rec	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	62	%	EPA 625.1m	-88	-88	23	148	
2022/23-4	MO-CAM	srgt environ	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	9.51	µg/L	EPA 525.2	-88	-88			
2022/23-4	MO-CAM	srgt environ, rec	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2022/23-4	MO-FIL	srgt environ	3/11/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.457	µg/L	EPA 625.1m	-88	-88			
2022/23-4	MO-FIL	srgt environ, rec	3/11/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 625.1m	-88	-88	23	148	
2022/23-4	MO-FIL	srgt environ	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	23.8	µg/L	EPA 525.2	-88	-88			
2022/23-4	MO-FIL	srgt environ, rec	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2022/23-4	MO-HUE	srgt environ	3/11/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.327	µg/L	EPA 625.1m	-88	-88			
2022/23-4	MO-HUE	srgt environ, rec	3/11/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	63	%	EPA 625.1m	-88	-88	23	148	
2022/23-4	MO-HUE	srgt environ	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	26.1	µg/L	EPA 525.2	-88	-88			
2022/23-4	MO-HUE	srgt environ, rec	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2022/23-4	MO-MEI	srgt environ	3/10/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.462	µg/L	EPA 625.1m	-88	-88			
2022/23-4	MO-MEI	srgt environ, rec	3/10/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 625.1m	-88	-88	23	148	
2022/23-4	MO-MEI	srgt environ	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	24	µg/L	EPA 525.2	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	MO-MEI	srgt environ, rec	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2022/23-4	MO-MPK	srgt environ	3/11/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.622	µg/L	EPA 625.1m	-88	-88			
2022/23-4	MO-MPK	srgt environ, rec	3/11/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	123	%	EPA 625.1m	-88	-88	23	148	
2022/23-4	MO-MPK	srgt environ	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	24.8	µg/L	EPA 525.2	-88	-88			
2022/23-4	MO-MPK	srgt environ, rec	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2022/23-4	MO-OJA	srgt environ	3/10/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.543	µg/L	EPA 625.1m	-88	-88			
2022/23-4	MO-OJA	srgt environ, rec	3/10/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 625.1m	-88	-88	23	148	
2022/23-4	MO-OJA	srgt environ	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	10	µg/L	EPA 525.2	-88	-88			
2022/23-4	MO-OJA	srgt environ, rec	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2022/23-4	MO-OXN	srgt environ	3/11/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.417	µg/L	EPA 625.1m	-88	-88			
2022/23-4	MO-OXN	srgt environ, rec	3/11/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	78	%	EPA 625.1m	-88	-88	23	148	
2022/23-4	MO-OXN	srgt environ	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	23.1	µg/L	EPA 525.2	-88	-88			
2022/23-4	MO-OXN	srgt environ, rec	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2022/23-4	MO-SIM	srgt environ	3/11/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.433	µg/L	EPA 625.1m	-88	-88			
2022/23-4	MO-SIM	srgt environ, rec	3/11/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	86	%	EPA 625.1m	-88	-88	23	148	
2022/23-4	MO-SIM	srgt environ	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	24.5	µg/L	EPA 525.2	-88	-88			
2022/23-4	MO-SIM	srgt environ, rec	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2022/23-4	MO-SPA	srgt environ	3/10/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.428	µg/L	EPA 625.1m	-88	-88			
2022/23-4	MO-SPA	srgt environ, rec	3/10/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	82	%	EPA 625.1m	-88	-88	23	148	
2022/23-4	MO-SPA	srgt environ	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	24.9	µg/L	EPA 525.2	-88	-88			
2022/23-4	MO-SPA	srgt environ, rec	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2022/23-4	MO-THO	srgt environ	3/11/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.368	µg/L	EPA 625.1m	-88	-88			
2022/23-4	MO-THO	srgt environ, rec	3/11/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	70	%	EPA 625.1m	-88	-88	23	148	
2022/23-4	MO-THO	srgt environ	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	24.8	µg/L	EPA 525.2	-88	-88			
2022/23-4	MO-THO	srgt environ, rec	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2022/23-4	MO-VEN	srgt environ	3/10/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.444	µg/L	EPA 625.1m	-88	-88			
2022/23-4	MO-VEN	srgt environ, rec	3/10/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	86	%	EPA 625.1m	-88	-88	23	148	
2022/23-4	MO-VEN	srgt environ	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	23.8	µg/L	EPA 525.2	-88	-88			
2022/23-4	MO-VEN	srgt environ, rec	3/14/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS	4/1/2023	Organic	1,4-Dichlorobenzene	n/a	=	11.1	µg/L	EPA 625.1	0.48	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	1,4-Dichlorobenzene	n/a	=	56	%	EPA 625.1	-88	-88	55	120	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	1,4-Dichlorobenzene	n/a	=	14.9	µg/L	EPA 625.1	0.48	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	1,4-Dichlorobenzene	n/a	=	75	%	EPA 625.1	-88	-88	55	120	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	1,4-Dichlorobenzene	n/a	=	29	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2022/23-4	Lab	method blank	3/30/2023	Organic	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1			
2022/23-4	Lab	LCS	3/30/2023	Organic	1-Methylnaphthalene	n/a	=	0.338	µg/L	EPA 8270C	0.024	0.1			EUM
2022/23-4	Lab	LCS, rec	3/30/2023	Organic	1-Methylnaphthalene	n/a	=	34	%	EPA 8270C	-88	-88	50	150	EUM
2022/23-4	Lab	LCS dup	3/30/2023	Organic	1-Methylnaphthalene	n/a	=	0.352	µg/L	EPA 8270C	0.024	0.1			EUM
2022/23-4	Lab	LCS dup, rec	3/30/2023	Organic	1-Methylnaphthalene	n/a	=	35	%	EPA 8270C	-88	-88	50	150	EUM
2022/23-4	Lab	LCS, RPD	3/30/2023	Organic	1-Methylnaphthalene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	EUM
2022/23-4	Lab	method blank	3/13/2023	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2022/23-4	Lab	srgt method blank	3/13/2023	Organic	2,4,6-Tribromophenol	n/a	=	31.6	µg/L	EPA 8270C	-88	-88			
2022/23-4	Lab	srgt method blank, rec	3/13/2023	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 8270C	-88	-88	26	117	
2022/23-4	Lab	srgt LCS	3/13/2023	Organic	2,4,6-Tribromophenol	n/a	=	33.7	µg/L	EPA 8270C	-88	-88			
2022/23-4	Lab	srgt LCS, rec	3/13/2023	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 8270C	-88	-88	26	117	
2022/23-4	Lab	srgt LCS dup	3/13/2023	Organic	2,4,6-Tribromophenol	n/a	=	37.7	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	srgt LCS dup, rec	3/13/2023	Organic	2,4,6-Tribromophenol	n/a	=	94	%	EPA 8270C	-88	-88	26	117	
2022/23-4	Lab	srgt LCS	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	32.8	µg/L	EPA 625.1	-88	-88			
2022/23-4	Lab	srgt LCS, rec	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625.1	-88	-88	25	120	
2022/23-4	Lab	srgt LCS dup	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	34.5	µg/L	EPA 625.1	-88	-88			
2022/23-4	Lab	srgt LCS dup, rec	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 625.1	-88	-88	25	120	
2022/23-4	Lab	srgt method blank	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	29.2	µg/L	EPA 625.1	-88	-88			
2022/23-4	Lab	srgt method blank, rec	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625.1	-88	-88	25	120	
2022/23-4	ME-CC	srgt environ	3/13/2023	Organic	2,4,6-Tribromophenol	n/a	=	28.2	µg/L	EPA 8270C	-88	-88			
2022/23-4	ME-CC	srgt environ, rec	3/13/2023	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 8270C	-88	-88	26	117	
2022/23-4	ME-CC	srgt environ	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	30.9	µg/L	EPA 625.1	-88	-88			
2022/23-4	ME-CC	srgt environ, rec	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 625.1	-88	-88	25	120	
2022/23-4	ME-SCR	srgt environ	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	35.3	µg/L	EPA 8270C	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 8270C	-88	-88	26	117	
2022/23-4	ME-SCR	srgt environ	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	37.1	µg/L	EPA 625.1	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625.1	-88	-88	25	120	
2022/23-4	ME-VR2	srgt environ	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	35.8	µg/L	EPA 8270C	-88	-88			
2022/23-4	ME-VR2	srgt environ, rec	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 8270C	-88	-88	26	117	
2022/23-4	ME-VR2	srgt environ	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	38.6	µg/L	EPA 625.1	-88	-88			
2022/23-4	ME-VR2	srgt environ, rec	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 625.1	-88	-88	25	120	
2022/23-4	MO-CAM	srgt environ	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	27.5	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-CAM	srgt environ, rec	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 8270C	-88	-88	26	117	
2022/23-4	MO-CAM	srgt environ	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	32.8	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-CAM	srgt environ, rec	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625.1	-88	-88	25	120	
2022/23-4	MO-FIL	srgt environ	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	29.2	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-FIL	srgt environ, rec	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 8270C	-88	-88	26	117	
2022/23-4	MO-FIL	srgt environ	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	30.4	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-FIL	srgt environ, rec	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625.1	-88	-88	25	120	
2022/23-4	MO-HUE	srgt environ	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	24.2	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-HUE	srgt environ, rec	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	59	%	EPA 8270C	-88	-88	26	117	
2022/23-4	MO-HUE	srgt environ	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	28.9	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-HUE	srgt environ, rec	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625.1	-88	-88	25	120	
2022/23-4	MO-MEI	srgt environ	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	27.9	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-MEI	srgt environ, rec	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 8270C	-88	-88	26	117	
2022/23-4	MO-MEI	srgt environ	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	29.9	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-MEI	srgt environ, rec	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625.1	-88	-88	25	120	
2022/23-4	MO-MPK	srgt environ	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	28.6	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-MPK	srgt environ, rec	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 8270C	-88	-88	26	117	
2022/23-4	MO-MPK	srgt environ	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	28.5	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-MPK	srgt environ, rec	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625.1	-88	-88	25	120	
2022/23-4	MO-OJA	srgt environ	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	23.3	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-OJA	srgt environ, rec	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	55	%	EPA 8270C	-88	-88	26	117	
2022/23-4	MO-OJA	srgt environ	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	24.1	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-OJA	srgt environ, rec	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	57	%	EPA 625.1	-88	-88	25	120	
2022/23-4	MO-OXN	srgt environ	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	36.2	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-OXN	srgt environ, rec	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 8270C	-88	-88	26	117	
2022/23-4	MO-OXN	srgt environ	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	37	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-OXN	srgt environ, rec	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 625.1	-88	-88	25	120	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	MO-SIM	srgt environ	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	33.7	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-SIM	srgt environ, rec	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 8270C	-88	-88	26	117	
2022/23-4	MO-SIM	srgt environ	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	30.7	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-SIM	srgt environ, rec	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625.1	-88	-88	25	120	
2022/23-4	MO-SPA	srgt environ	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	23.8	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-SPA	srgt environ, rec	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	58	%	EPA 8270C	-88	-88	26	117	
2022/23-4	MO-SPA	srgt environ	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	26.1	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-SPA	srgt environ, rec	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 625.1	-88	-88	25	120	
2022/23-4	MO-THO	srgt environ	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	30.9	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-THO	srgt environ, rec	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 8270C	-88	-88	26	117	
2022/23-4	MO-THO	srgt environ	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	35.8	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-THO	srgt environ, rec	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 625.1	-88	-88	25	120	
2022/23-4	MO-VEN	srgt environ	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	21	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-VEN	srgt environ, rec	3/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	52	%	EPA 8270C	-88	-88	26	117	
2022/23-4	MO-VEN	srgt environ	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	22.5	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-VEN	srgt environ, rec	4/1/2023	Organic	2,4,6-Tribromophenol	n/a	=	56	%	EPA 625.1	-88	-88	25	120	
2022/23-4	Lab	method blank	3/13/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2022/23-4	Lab	LCS	3/13/2023	Organic	2,4,6-Trichlorophenol	n/a	=	18.3	µg/L	EPA 8270C	0.3	1			
2022/23-4	Lab	LCS, rec	3/13/2023	Organic	2,4,6-Trichlorophenol	n/a	=	91	%	EPA 8270C	-88	-88	30	115	
2022/23-4	Lab	LCS dup	3/13/2023	Organic	2,4,6-Trichlorophenol	n/a	=	20.3	µg/L	EPA 8270C	0.3	1			
2022/23-4	Lab	LCS dup, rec	3/13/2023	Organic	2,4,6-Trichlorophenol	n/a	=	101	%	EPA 8270C	-88	-88	30	115	
2022/23-4	Lab	LCS, RPD	3/13/2023	Organic	2,4,6-Trichlorophenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	2,4,6-Trichlorophenol	n/a	=	17.2	µg/L	EPA 625.1	0.22	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	2,4,6-Trichlorophenol	n/a	=	86	%	EPA 625.1	-88	-88	52	129	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	2,4,6-Trichlorophenol	n/a	=	19.2	µg/L	EPA 625.1	0.22	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	2,4,6-Trichlorophenol	n/a	=	96	%	EPA 625.1	-88	-88	52	129	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	2,4,6-Trichlorophenol	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-4	Lab	method blank	3/13/2023	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2022/23-4	Lab	LCS	3/13/2023	Organic	2,4-Dichlorophenol	n/a	=	17.6	µg/L	EPA 8270C	0.51	1			
2022/23-4	Lab	LCS, rec	3/13/2023	Organic	2,4-Dichlorophenol	n/a	=	88	%	EPA 8270C	-88	-88	32	105	
2022/23-4	Lab	LCS dup	3/13/2023	Organic	2,4-Dichlorophenol	n/a	=	19.3	µg/L	EPA 8270C	0.51	1			
2022/23-4	Lab	LCS dup, rec	3/13/2023	Organic	2,4-Dichlorophenol	n/a	=	97	%	EPA 8270C	-88	-88	32	105	
2022/23-4	Lab	LCS, RPD	3/13/2023	Organic	2,4-Dichlorophenol	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	2,4-Dichlorophenol	n/a	=	17.1	µg/L	EPA 625.1	0.26	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	2,4-Dichlorophenol	n/a	=	86	%	EPA 625.1	-88	-88	53	122	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	2,4-Dichlorophenol	n/a	=	18.6	µg/L	EPA 625.1	0.26	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	2,4-Dichlorophenol	n/a	=	93	%	EPA 625.1	-88	-88	53	122	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	2,4-Dichlorophenol	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-4	000NONPJ	srgt matrix spike	3/15/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.4	-88	-88			
2022/23-4	000NONPJ	srgt matrix spike, rec	3/15/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	srgt matrix spike dup	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.4	-88	-88			
2022/23-4	000NONPJ	srgt matrix spike dup, rec	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-4	Lab	srgt method blank	3/15/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.75	µg/L	EPA 515.4	-88	-88			
2022/23-4	Lab	srgt method blank, rec	3/15/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2022/23-4	Lab	srgt LCS	3/15/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.4	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	srgt LCS, rec	3/15/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-4	ME-CC	srgt environ	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.79	µg/L	EPA 515.4	-88	-88			
2022/23-4	ME-CC	srgt environ, rec	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2022/23-4	ME-SCR	srgt environ	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.4	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-4	ME-VR2	srgt environ	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.95	µg/L	EPA 515.4	-88	-88			
2022/23-4	ME-VR2	srgt environ, rec	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-4	MO-CAM	srgt environ	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.84	µg/L	EPA 515.4	-88	-88			
2022/23-4	MO-CAM	srgt environ, rec	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2022/23-4	MO-FIL	srgt environ	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.66	µg/L	EPA 515.4	-88	-88			
2022/23-4	MO-FIL	srgt environ, rec	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2022/23-4	MO-HUE	srgt environ	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10	µg/L	EPA 515.4	-88	-88			
2022/23-4	MO-HUE	srgt environ, rec	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-4	MO-MEI	srgt environ	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.4	-88	-88			
2022/23-4	MO-MEI	srgt environ, rec	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-4	MO-MPK	srgt environ	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.7	µg/L	EPA 515.4	-88	-88			
2022/23-4	MO-MPK	srgt environ, rec	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2022/23-4	MO-OJA	srgt environ	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.4	-88	-88			
2022/23-4	MO-OJA	srgt environ, rec	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-4	MO-OXN	srgt environ	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.94	µg/L	EPA 515.4	-88	-88			
2022/23-4	MO-OXN	srgt environ, rec	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-4	MO-SIM	srgt environ	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.74	µg/L	EPA 515.4	-88	-88			
2022/23-4	MO-SIM	srgt environ, rec	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2022/23-4	MO-SPA	srgt environ	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.8	µg/L	EPA 515.4	-88	-88			
2022/23-4	MO-SPA	srgt environ, rec	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2022/23-4	MO-THO	srgt environ	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.4	-88	-88			
2022/23-4	MO-THO	srgt environ, rec	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-4	MO-VEN	srgt environ	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10	µg/L	EPA 515.4	-88	-88			
2022/23-4	MO-VEN	srgt environ, rec	3/16/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-4	Lab	method blank	3/13/2023	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-4	Lab	LCS	3/13/2023	Organic	2,4-Dimethylphenol	n/a	=	12.5	µg/L	EPA 8270C	1	2			
2022/23-4	Lab	LCS, rec	3/13/2023	Organic	2,4-Dimethylphenol	n/a	=	62	%	EPA 8270C	-88	-88	31	97	
2022/23-4	Lab	LCS dup	3/13/2023	Organic	2,4-Dimethylphenol	n/a	=	18.1	µg/L	EPA 8270C	1	2			IL
2022/23-4	Lab	LCS dup, rec	3/13/2023	Organic	2,4-Dimethylphenol	n/a	=	90	%	EPA 8270C	-88	-88	31	97	IL
2022/23-4	Lab	LCS, RPD	3/13/2023	Organic	2,4-Dimethylphenol	n/a	=	37	%	EPA 8270C	-88	-88	0	30	IL
2022/23-4	Lab	LCS	4/1/2023	Organic	2,4-Dimethylphenol	n/a	=	10.4	µg/L	EPA 625.1	0.76	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	2,4-Dimethylphenol	n/a	=	52	%	EPA 625.1	-88	-88	42	120	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	2,4-Dimethylphenol	n/a	=	15.6	µg/L	EPA 625.1	0.76	1			IL
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	2,4-Dimethylphenol	n/a	=	78	%	EPA 625.1	-88	-88	42	120	IL
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	2,4-Dimethylphenol	n/a	=	41	%	EPA 625.1	-88	-88	0	30	IL
2022/23-4	Lab	method blank	4/1/2023	Organic	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1			
2022/23-4	Lab	method blank	3/13/2023	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-4	Lab	LCS	3/13/2023	Organic	2,4-Dinitrophenol	n/a	=	14.3	µg/L	EPA 8270C	1	2			
2022/23-4	Lab	LCS, rec	3/13/2023	Organic	2,4-Dinitrophenol	n/a	=	72	%	EPA 8270C	-88	-88	7	155	
2022/23-4	Lab	LCS dup	3/13/2023	Organic	2,4-Dinitrophenol	n/a	=	18	µg/L	EPA 8270C	1	2			
2022/23-4	Lab	LCS dup, rec	3/13/2023	Organic	2,4-Dinitrophenol	n/a	=	90	%	EPA 8270C	-88	-88	7	155	
2022/23-4	Lab	LCS, RPD	3/13/2023	Organic	2,4-Dinitrophenol	n/a	=	23	%	EPA 8270C	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	LCS	4/1/2023	Organic	2,4-Dinitrophenol	n/a	=	17.7	µg/L	EPA 625.1	1.9	10			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	2,4-Dinitrophenol	n/a	=	88	%	EPA 625.1	-88	-88	0.1	173	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	2,4-Dinitrophenol	n/a	=	19.1	µg/L	EPA 625.1	1.9	10			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	2,4-Dinitrophenol	n/a	=	96	%	EPA 625.1	-88	-88	0.1	173	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	2,4-Dinitrophenol	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2022/23-4	Lab	LCS	4/1/2023	Organic	2,4-Dinitrotoluene	n/a	=	16.2	µg/L	EPA 625.1	0.46	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	2,4-Dinitrotoluene	n/a	=	81	%	EPA 625.1	-88	-88	48	127	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	2,4-Dinitrotoluene	n/a	=	17.4	µg/L	EPA 625.1	0.46	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	2,4-Dinitrotoluene	n/a	=	87	%	EPA 625.1	-88	-88	48	127	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	2,4-Dinitrotoluene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-4	Lab	LCS	4/1/2023	Organic	2,6-Dinitrotoluene	n/a	=	16.1	µg/L	EPA 625.1	0.27	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	2,6-Dinitrotoluene	n/a	=	81	%	EPA 625.1	-88	-88	68	137	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	2,6-Dinitrotoluene	n/a	=	17.9	µg/L	EPA 625.1	0.27	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	2,6-Dinitrotoluene	n/a	=	90	%	EPA 625.1	-88	-88	68	137	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	2,6-Dinitrotoluene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-4	Lab	LCS	3/1/2023	Organic	2-Chloroethyl vinyl ether	n/a	=	56.2	µg/L	EPA 624.1	0.19	1			
2022/23-4	Lab	LCS, rec	3/1/2023	Organic	2-Chloroethyl vinyl ether	n/a	=	112	%	EPA 624.1	-88	-88	0.1	305	
2022/23-4	Lab	LCS dup	3/1/2023	Organic	2-Chloroethyl vinyl ether	n/a	=	57.7	µg/L	EPA 624.1	0.19	1			
2022/23-4	Lab	LCS dup, rec	3/1/2023	Organic	2-Chloroethyl vinyl ether	n/a	=	115	%	EPA 624.1	-88	-88	0.1	305	
2022/23-4	Lab	LCS, RPD	3/1/2023	Organic	2-Chloroethyl vinyl ether	n/a	=	3	%	EPA 624.1	-88	-88	0	25	
2022/23-4	Lab	method blank	3/1/2023	Organic	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1			
2022/23-4	Lab	LCS	4/1/2023	Organic	2-Chloronaphthalene	n/a	=	14	µg/L	EPA 625.1	0.45	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	2-Chloronaphthalene	n/a	=	70	%	EPA 625.1	-88	-88	65	120	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	2-Chloronaphthalene	n/a	=	16.5	µg/L	EPA 625.1	0.45	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	2-Chloronaphthalene	n/a	=	82	%	EPA 625.1	-88	-88	65	120	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	2-Chloronaphthalene	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2022/23-4	Lab	method blank	3/13/2023	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2022/23-4	Lab	LCS	3/13/2023	Organic	2-Chlorophenol	n/a	=	17.3	µg/L	EPA 8270C	0.65	1			
2022/23-4	Lab	LCS, rec	3/13/2023	Organic	2-Chlorophenol	n/a	=	87	%	EPA 8270C	-88	-88	27	90	
2022/23-4	Lab	LCS dup	3/13/2023	Organic	2-Chlorophenol	n/a	=	18.7	µg/L	EPA 8270C	0.65	1			EUM
2022/23-4	Lab	LCS dup, rec	3/13/2023	Organic	2-Chlorophenol	n/a	=	94	%	EPA 8270C	-88	-88	27	90	EUM
2022/23-4	Lab	LCS, RPD	3/13/2023	Organic	2-Chlorophenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	EUM
2022/23-4	Lab	LCS	4/1/2023	Organic	2-Chlorophenol	n/a	=	15.4	µg/L	EPA 625.1	0.28	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	2-Chlorophenol	n/a	=	77	%	EPA 625.1	-88	-88	36	120	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	2-Chlorophenol	n/a	=	16.6	µg/L	EPA 625.1	0.28	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	2-Chlorophenol	n/a	=	83	%	EPA 625.1	-88	-88	36	120	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	2-Chlorophenol	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2022/23-4	Lab	srgt method blank	3/30/2023	Organic	2-Fluorobiphenyl	n/a	=	18.6	µg/L	EPA 8270C	-88	-88			
2022/23-4	Lab	srgt method blank, rec	3/30/2023	Organic	2-Fluorobiphenyl	n/a	=	93	%	EPA 8270C	-88	-88	51	139	
2022/23-4	Lab	srgt LCS	3/30/2023	Organic	2-Fluorobiphenyl	n/a	=	3.9	µg/L	EPA 8270C	-88	-88			
2022/23-4	Lab	srgt LCS, rec	3/30/2023	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 8270C	-88	-88	51	139	
2022/23-4	Lab	srgt LCS dup	3/30/2023	Organic	2-Fluorobiphenyl	n/a	=	4.17	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	srgt LCS dup, rec	3/30/2023	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 8270C	-88	-88	51	139	
2022/23-4	Lab	srgt LCS	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	14	µg/L	EPA 625.1	-88	-88			
2022/23-4	Lab	srgt LCS, rec	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 625.1	-88	-88	22	120	
2022/23-4	Lab	srgt LCS dup	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	15.5	µg/L	EPA 625.1	-88	-88			
2022/23-4	Lab	srgt LCS dup, rec	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 625.1	-88	-88	22	120	
2022/23-4	Lab	srgt method blank	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	13.8	µg/L	EPA 625.1	-88	-88			
2022/23-4	Lab	srgt method blank, rec	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625.1	-88	-88	22	120	
2022/23-4	ME-CC	srgt environ	3/30/2023	Organic	2-Fluorobiphenyl	n/a	=	16	µg/L	EPA 8270C	-88	-88			
2022/23-4	ME-CC	srgt environ, rec	3/30/2023	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2022/23-4	ME-CC	srgt environ	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	12.4	µg/L	EPA 625.1	-88	-88			
2022/23-4	ME-CC	srgt environ, rec	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 625.1	-88	-88	22	120	
2022/23-4	ME-SCR	srgt environ	3/30/2023	Organic	2-Fluorobiphenyl	n/a	=	20	µg/L	EPA 8270C	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	3/30/2023	Organic	2-Fluorobiphenyl	n/a	=	91	%	EPA 8270C	-88	-88	51	139	
2022/23-4	ME-SCR	srgt environ	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	15.1	µg/L	EPA 625.1	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625.1	-88	-88	22	120	
2022/23-4	ME-VR2	srgt environ	3/30/2023	Organic	2-Fluorobiphenyl	n/a	=	20.3	µg/L	EPA 8270C	-88	-88			
2022/23-4	ME-VR2	srgt environ, rec	3/30/2023	Organic	2-Fluorobiphenyl	n/a	=	89	%	EPA 8270C	-88	-88	51	139	
2022/23-4	ME-VR2	srgt environ	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	16.2	µg/L	EPA 625.1	-88	-88			
2022/23-4	ME-VR2	srgt environ, rec	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625.1	-88	-88	22	120	
2022/23-4	MO-CAM	srgt environ	3/30/2023	Organic	2-Fluorobiphenyl	n/a	=	16.7	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-CAM	srgt environ, rec	3/30/2023	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 8270C	-88	-88	51	139	
2022/23-4	MO-CAM	srgt environ	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	15.1	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-CAM	srgt environ, rec	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625.1	-88	-88	22	120	
2022/23-4	MO-FIL	srgt environ	3/31/2023	Organic	2-Fluorobiphenyl	n/a	=	17.8	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-FIL	srgt environ, rec	3/31/2023	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 8270C	-88	-88	51	139	
2022/23-4	MO-FIL	srgt environ	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	15.7	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-FIL	srgt environ, rec	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 625.1	-88	-88	22	120	
2022/23-4	MO-HUE	srgt environ	3/31/2023	Organic	2-Fluorobiphenyl	n/a	=	16.4	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-HUE	srgt environ, rec	3/31/2023	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 8270C	-88	-88	51	139	
2022/23-4	MO-HUE	srgt environ	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	14.2	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-HUE	srgt environ, rec	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 625.1	-88	-88	22	120	
2022/23-4	MO-MEI	srgt environ	3/31/2023	Organic	2-Fluorobiphenyl	n/a	=	15.7	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-MEI	srgt environ, rec	3/31/2023	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 8270C	-88	-88	51	139	
2022/23-4	MO-MEI	srgt environ	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	13.1	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-MEI	srgt environ, rec	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 625.1	-88	-88	22	120	
2022/23-4	MO-MPK	srgt environ	3/31/2023	Organic	2-Fluorobiphenyl	n/a	=	15.8	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-MPK	srgt environ, rec	3/31/2023	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270C	-88	-88	51	139	
2022/23-4	MO-MPK	srgt environ	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	13.7	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-MPK	srgt environ, rec	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 625.1	-88	-88	22	120	
2022/23-4	MO-OJA	srgt environ	3/31/2023	Organic	2-Fluorobiphenyl	n/a	=	14.3	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-OJA	srgt environ, rec	3/31/2023	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270C	-88	-88	51	139	
2022/23-4	MO-OJA	srgt environ	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	11.2	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-OJA	srgt environ, rec	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	53	%	EPA 625.1	-88	-88	22	120	
2022/23-4	MO-oxn	srgt environ	3/31/2023	Organic	2-Fluorobiphenyl	n/a	=	18	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-oxn	srgt environ, rec	3/31/2023	Organic	2-Fluorobiphenyl	n/a	=	87	%	EPA 8270C	-88	-88	51	139	
2022/23-4	MO-oxn	srgt environ	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	13.3	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-oxn	srgt environ, rec	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625.1	-88	-88	22	120	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	MO-SIM	srgt environ	3/31/2023	Organic	2-Fluorobiphenyl	n/a	=	18.9	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-SIM	srgt environ, rec	3/31/2023	Organic	2-Fluorobiphenyl	n/a	=	92	%	EPA 8270C	-88	-88	51	139	
2022/23-4	MO-SIM	srgt environ	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	17.3	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-SIM	srgt environ, rec	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 625.1	-88	-88	22	120	
2022/23-4	MO-SPA	srgt environ	3/31/2023	Organic	2-Fluorobiphenyl	n/a	=	17.5	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-SPA	srgt environ, rec	3/31/2023	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 8270C	-88	-88	51	139	
2022/23-4	MO-SPA	srgt environ	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	15.2	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-SPA	srgt environ, rec	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625.1	-88	-88	22	120	
2022/23-4	MO-THO	srgt environ	3/31/2023	Organic	2-Fluorobiphenyl	n/a	=	17.1	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-THO	srgt environ, rec	3/31/2023	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 8270C	-88	-88	51	139	
2022/23-4	MO-THO	srgt environ	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	14	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-THO	srgt environ, rec	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625.1	-88	-88	22	120	
2022/23-4	MO-VEN	srgt environ	3/31/2023	Organic	2-Fluorobiphenyl	n/a	=	15.3	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-VEN	srgt environ, rec	3/31/2023	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 8270C	-88	-88	51	139	
2022/23-4	MO-VEN	srgt environ	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	13.3	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-VEN	srgt environ, rec	4/1/2023	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 625.1	-88	-88	22	120	
2022/23-4	Lab	srgt method blank	3/13/2023	Organic	2-Fluorophenol	n/a	=	21.9	µg/L	EPA 8270C	-88	-88			
2022/23-4	Lab	srgt method blank, rec	3/13/2023	Organic	2-Fluorophenol	n/a	=	55	%	EPA 8270C	-88	-88	11	62	
2022/23-4	Lab	srgt LCS	3/13/2023	Organic	2-Fluorophenol	n/a	=	20.5	µg/L	EPA 8270C	-88	-88			
2022/23-4	Lab	srgt LCS, rec	3/13/2023	Organic	2-Fluorophenol	n/a	=	51	%	EPA 8270C	-88	-88	11	62	
2022/23-4	Lab	srgt LCS dup	3/13/2023	Organic	2-Fluorophenol	n/a	=	21.7	µg/L	EPA 8270C	-88	-88			
2022/23-4	Lab	srgt LCS dup, rec	3/13/2023	Organic	2-Fluorophenol	n/a	=	54	%	EPA 8270C	-88	-88	11	62	
2022/23-4	Lab	srgt LCS	4/1/2023	Organic	2-Fluorophenol	n/a	=	18	µg/L	EPA 625.1	-88	-88			
2022/23-4	Lab	srgt LCS, rec	4/1/2023	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625.1	-88	-88	17	120	
2022/23-4	Lab	srgt LCS dup	4/1/2023	Organic	2-Fluorophenol	n/a	=	19	µg/L	EPA 625.1	-88	-88			
2022/23-4	Lab	srgt LCS dup, rec	4/1/2023	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625.1	-88	-88	17	120	
2022/23-4	Lab	srgt method blank	4/1/2023	Organic	2-Fluorophenol	n/a	=	19.5	µg/L	EPA 625.1	-88	-88			
2022/23-4	Lab	srgt method blank, rec	4/1/2023	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625.1	-88	-88	17	120	
2022/23-4	ME-CC	srgt environ	3/13/2023	Organic	2-Fluorophenol	n/a	=	19.3	µg/L	EPA 8270C	-88	-88			
2022/23-4	ME-CC	srgt environ, rec	3/13/2023	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2022/23-4	ME-CC	srgt environ	4/1/2023	Organic	2-Fluorophenol	n/a	=	15.9	µg/L	EPA 625.1	-88	-88			
2022/23-4	ME-CC	srgt environ, rec	4/1/2023	Organic	2-Fluorophenol	n/a	=	38	%	EPA 625.1	-88	-88	17	120	
2022/23-4	ME-SCR	srgt environ	3/14/2023	Organic	2-Fluorophenol	n/a	=	22.6	µg/L	EPA 8270C	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	3/14/2023	Organic	2-Fluorophenol	n/a	=	52	%	EPA 8270C	-88	-88	11	62	
2022/23-4	ME-SCR	srgt environ	4/1/2023	Organic	2-Fluorophenol	n/a	=	20.6	µg/L	EPA 625.1	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	4/1/2023	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2022/23-4	ME-VR2	srgt environ	3/14/2023	Organic	2-Fluorophenol	n/a	=	23.5	µg/L	EPA 8270C	-88	-88			
2022/23-4	ME-VR2	srgt environ, rec	3/14/2023	Organic	2-Fluorophenol	n/a	=	52	%	EPA 8270C	-88	-88	11	62	
2022/23-4	ME-VR2	srgt environ	4/1/2023	Organic	2-Fluorophenol	n/a	=	24.3	µg/L	EPA 625.1	-88	-88			
2022/23-4	ME-VR2	srgt environ, rec	4/1/2023	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625.1	-88	-88	17	120	
2022/23-4	MO-CAM	srgt environ	3/14/2023	Organic	2-Fluorophenol	n/a	=	17.5	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-CAM	srgt environ, rec	3/14/2023	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270C	-88	-88	11	62	
2022/23-4	MO-CAM	srgt environ	4/1/2023	Organic	2-Fluorophenol	n/a	=	18	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-CAM	srgt environ, rec	4/1/2023	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625.1	-88	-88	17	120	
2022/23-4	MO-FIL	srgt environ	3/14/2023	Organic	2-Fluorophenol	n/a	=	14.6	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-FIL	srgt environ, rec	3/14/2023	Organic	2-Fluorophenol	n/a	=	35	%	EPA 8270C	-88	-88	11	62	
2022/23-4	MO-FIL	srgt environ	4/1/2023	Organic	2-Fluorophenol	n/a	=	13.2	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	
2022/23-4	MO-FIL	srqt environ, rec	4/1/2023	Organic	2-Fluorophenol	n/a	=	31	%	EPA 625.1	-88	-88	17	120	
2022/23-4	MO-HUE	srqt environ	3/14/2023	Organic	2-Fluorophenol	n/a	=	15.4	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-HUE	srqt environ, rec	3/14/2023	Organic	2-Fluorophenol	n/a	=	38	%	EPA 8270C	-88	-88	11	62	
2022/23-4	MO-HUE	srqt environ	4/1/2023	Organic	2-Fluorophenol	n/a	=	14.2	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-HUE	srqt environ, rec	4/1/2023	Organic	2-Fluorophenol	n/a	=	35	%	EPA 625.1	-88	-88	17	120	
2022/23-4	MO-MEI	srqt environ	3/14/2023	Organic	2-Fluorophenol	n/a	=	16.5	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-MEI	srqt environ, rec	3/14/2023	Organic	2-Fluorophenol	n/a	=	40	%	EPA 8270C	-88	-88	11	62	
2022/23-4	MO-MEI	srqt environ	4/1/2023	Organic	2-Fluorophenol	n/a	=	14.9	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-MEI	srqt environ, rec	4/1/2023	Organic	2-Fluorophenol	n/a	=	36	%	EPA 625.1	-88	-88	17	120	
2022/23-4	MO-MPK	srqt environ	3/14/2023	Organic	2-Fluorophenol	n/a	=	16	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-MPK	srqt environ, rec	3/14/2023	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270C	-88	-88	11	62	
2022/23-4	MO-MPK	srqt environ	4/1/2023	Organic	2-Fluorophenol	n/a	=	15.9	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-MPK	srqt environ, rec	4/1/2023	Organic	2-Fluorophenol	n/a	=	38	%	EPA 625.1	-88	-88	17	120	
2022/23-4	MO-OJA	srqt environ	3/14/2023	Organic	2-Fluorophenol	n/a	=	17.9	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-OJA	srqt environ, rec	3/14/2023	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270C	-88	-88	11	62	
2022/23-4	MO-OJA	srqt environ	4/1/2023	Organic	2-Fluorophenol	n/a	=	17.3	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-OJA	srqt environ, rec	4/1/2023	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625.1	-88	-88	17	120	
2022/23-4	MO-OXN	srqt environ	3/14/2023	Organic	2-Fluorophenol	n/a	=	16.8	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-OXN	srqt environ, rec	3/14/2023	Organic	2-Fluorophenol	n/a	=	41	%	EPA 8270C	-88	-88	11	62	
2022/23-4	MO-OXN	srqt environ	4/1/2023	Organic	2-Fluorophenol	n/a	=	16.9	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-OXN	srqt environ, rec	4/1/2023	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625.1	-88	-88	17	120	
2022/23-4	MO-SIM	srqt environ	3/14/2023	Organic	2-Fluorophenol	n/a	=	18.1	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-SIM	srqt environ, rec	3/14/2023	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2022/23-4	MO-SIM	srqt environ	4/1/2023	Organic	2-Fluorophenol	n/a	=	17.8	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-SIM	srqt environ, rec	4/1/2023	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625.1	-88	-88	17	120	
2022/23-4	MO-SPA	srqt environ	3/14/2023	Organic	2-Fluorophenol	n/a	=	15.5	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-SPA	srqt environ, rec	3/14/2023	Organic	2-Fluorophenol	n/a	=	38	%	EPA 8270C	-88	-88	11	62	
2022/23-4	MO-SPA	srqt environ	4/1/2023	Organic	2-Fluorophenol	n/a	=	16.6	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-SPA	srqt environ, rec	4/1/2023	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625.1	-88	-88	17	120	
2022/23-4	MO-THO	srqt environ	3/14/2023	Organic	2-Fluorophenol	n/a	=	14.8	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-THO	srqt environ, rec	3/14/2023	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270C	-88	-88	11	62	
2022/23-4	MO-THO	srqt environ	4/1/2023	Organic	2-Fluorophenol	n/a	=	15	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-THO	srqt environ, rec	4/1/2023	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625.1	-88	-88	17	120	
2022/23-4	MO-VEN	srqt environ	3/14/2023	Organic	2-Fluorophenol	n/a	=	12.4	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-VEN	srqt environ, rec	3/14/2023	Organic	2-Fluorophenol	n/a	=	31	%	EPA 8270C	-88	-88	11	62	
2022/23-4	MO-VEN	srqt environ	4/1/2023	Organic	2-Fluorophenol	n/a	=	12.2	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-VEN	srqt environ, rec	4/1/2023	Organic	2-Fluorophenol	n/a	=	30	%	EPA 625.1	-88	-88	17	120	
2022/23-4	Lab	method blank	3/30/2023	Organic	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-4	Lab	LCS	3/30/2023	Organic	2-Methylnaphthalene	n/a	=	0.337	µg/L	EPA 8270C	0.026	0.1			EUM
2022/23-4	Lab	LCS, rec	3/30/2023	Organic	2-Methylnaphthalene	n/a	=	34	%	EPA 8270C	-88	-88	50	150	EUM
2022/23-4	Lab	LCS dup	3/30/2023	Organic	2-Methylnaphthalene	n/a	=	0.348	µg/L	EPA 8270C	0.026	0.1			EUM
2022/23-4	Lab	LCS dup, rec	3/30/2023	Organic	2-Methylnaphthalene	n/a	=	35	%	EPA 8270C	-88	-88	50	150	EUM
2022/23-4	Lab	LCS, RPD	3/30/2023	Organic	2-Methylnaphthalene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	EUM
2022/23-4	Lab	method blank	3/13/2023	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2022/23-4	Lab	method blank	3/13/2023	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2022/23-4	Lab	LCS	3/13/2023	Organic	2-Nitrophenol	n/a	=	16.5	µg/L	EPA 8270C	0.71	1			
2022/23-4	Lab	LCS, rec	3/13/2023	Organic	2-Nitrophenol	n/a	=	83	%	EPA 8270C	-88	-88	33	103	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	LCS dup	3/13/2023	Organic	2-Nitrophenol	n/a	=	18.3	µg/L	EPA 8270C	0.71	1			
2022/23-4	Lab	LCS dup, rec	3/13/2023	Organic	2-Nitrophenol	n/a	=	91	%	EPA 8270C	-88	-88	33	103	
2022/23-4	Lab	LCS, RPD	3/13/2023	Organic	2-Nitrophenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	2-Nitrophenol	n/a	=	17.8	µg/L	EPA 625.1	0.26	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	2-Nitrophenol	n/a	=	89	%	EPA 625.1	-88	-88	45	167	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	2-Nitrophenol	n/a	=	19.2	µg/L	EPA 625.1	0.26	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	2-Nitrophenol	n/a	=	96	%	EPA 625.1	-88	-88	45	167	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	2-Nitrophenol	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-4	Lab	LCS	4/1/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	10.1	µg/L	EPA 625.1	2.5	5			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	50	%	EPA 625.1	-88	-88	8	213	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	10.7	µg/L	EPA 625.1	2.5	5			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	54	%	EPA 625.1	-88	-88	8	213	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5			
2022/23-4	Lab	method blank	3/13/2023	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2022/23-4	Lab	method blank	3/13/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2022/23-4	Lab	LCS	3/13/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	15.1	µg/L	EPA 8270C	0.14	1			
2022/23-4	Lab	LCS, rec	3/13/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	76	%	EPA 8270C	-88	-88	33	118	
2022/23-4	Lab	LCS dup	3/13/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	18.4	µg/L	EPA 8270C	0.14	1			
2022/23-4	Lab	LCS dup, rec	3/13/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	92	%	EPA 8270C	-88	-88	33	118	
2022/23-4	Lab	LCS, RPD	3/13/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	19	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	16.8	µg/L	EPA 625.1	0.5	5			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	84	%	EPA 625.1	-88	-88	53	130	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	18.3	µg/L	EPA 625.1	0.5	5			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	91	%	EPA 625.1	-88	-88	53	130	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5			
2022/23-4	Lab	srgt LCS	2/28/2023	Organic	4-Bromofluorobenzene	n/a	=	48.9	µg/L	EPA 8260B	-88	-88			
2022/23-4	Lab	srgt LCS, rec	2/28/2023	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2022/23-4	Lab	srgt LCS dup	2/28/2023	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 8260B	-88	-88			
2022/23-4	Lab	srgt LCS dup, rec	2/28/2023	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8260B	-88	-88	83	110	
2022/23-4	Lab	srgt method blank	2/28/2023	Organic	4-Bromofluorobenzene	n/a	=	47	µg/L	EPA 8260B	-88	-88			
2022/23-4	Lab	srgt method blank, rec	2/28/2023	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 8260B	-88	-88	83	110	
2022/23-4	Lab	srgt LCS	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	51.9	µg/L	EPA 624.1	-88	-88			
2022/23-4	Lab	srgt LCS, rec	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 624.1	-88	-88	88	108	
2022/23-4	Lab	srgt LCS dup	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	50.3	µg/L	EPA 624.1	-88	-88			
2022/23-4	Lab	srgt LCS dup, rec	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 624.1	-88	-88	88	108	
2022/23-4	Lab	srgt method blank	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	48.8	µg/L	EPA 624.1	-88	-88			
2022/23-4	Lab	srgt method blank, rec	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 624.1	-88	-88	88	108	
2022/23-4	ME-CC	srgt environ	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 8260B	-88	-88			
2022/23-4	ME-CC	srgt environ, rec	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8260B	-88	-88	83	110	
2022/23-4	ME-SCR	srgt environ	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	49.1	µg/L	EPA 8260B	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2022/23-4	ME-SCR	srgt environ	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	48.7	µg/L	EPA 624.1	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 624.1	-88	-88	88	108	
2022/23-4	ME-VR2	srgt environ	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	47.6	µg/L	EPA 8260B	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	ME-VR2	srqt environ, rec	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 8260B	-88	-88	83	110	
2022/23-4	MO-CAM	srqt environ	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	48.1	µg/L	EPA 8260B	-88	-88			
2022/23-4	MO-CAM	srqt environ, rec	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8260B	-88	-88	83	110	
2022/23-4	MO-FIL	srqt environ	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	51.1	µg/L	EPA 8260B	-88	-88			
2022/23-4	MO-FIL	srqt environ, rec	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 8260B	-88	-88	83	110	
2022/23-4	MO-HUE	srqt environ	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	49.1	µg/L	EPA 8260B	-88	-88			
2022/23-4	MO-HUE	srqt environ, rec	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2022/23-4	MO-MEI	srqt environ	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	49	µg/L	EPA 8260B	-88	-88			
2022/23-4	MO-MEI	srqt environ, rec	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 8260B	-88	-88	83	110	
2022/23-4	MO-MPK	srqt environ	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	52.6	µg/L	EPA 8260B	-88	-88			
2022/23-4	MO-MPK	srqt environ, rec	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	105	%	EPA 8260B	-88	-88	83	110	
2022/23-4	MO-OJA	srqt environ	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	47.7	µg/L	EPA 8260B	-88	-88			
2022/23-4	MO-OJA	srqt environ, rec	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 8260B	-88	-88	83	110	
2022/23-4	MO-OXN	srqt environ	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	47.6	µg/L	EPA 8260B	-88	-88			
2022/23-4	MO-OXN	srqt environ, rec	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 8260B	-88	-88	83	110	
2022/23-4	MO-SIM	srqt environ	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	48	µg/L	EPA 8260B	-88	-88			
2022/23-4	MO-SIM	srqt environ, rec	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8260B	-88	-88	83	110	
2022/23-4	MO-SPA	srqt environ	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	48.4	µg/L	EPA 8260B	-88	-88			
2022/23-4	MO-SPA	srqt environ, rec	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 8260B	-88	-88	83	110	
2022/23-4	MO-THO	srqt environ	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	49.6	µg/L	EPA 8260B	-88	-88			
2022/23-4	MO-THO	srqt environ, rec	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 8260B	-88	-88	83	110	
2022/23-4	MO-VEN	srqt environ	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	49.3	µg/L	EPA 8260B	-88	-88			
2022/23-4	MO-VEN	srqt environ, rec	3/1/2023	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 8260B	-88	-88	83	110	
2022/23-4	Lab	LCS	4/1/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	15.2	µg/L	EPA 625.1	0.36	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	76	%	EPA 625.1	-88	-88	65	120	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	17.6	µg/L	EPA 625.1	0.36	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	88	%	EPA 625.1	-88	-88	65	120	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-4	Lab	method blank	3/13/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2022/23-4	Lab	LCS	3/13/2023	Organic	4-Chloro-3-methylphenol	n/a	=	16.6	µg/L	EPA 8270C	0.37	1			
2022/23-4	Lab	LCS, rec	3/13/2023	Organic	4-Chloro-3-methylphenol	n/a	=	83	%	EPA 8270C	-88	-88	29	108	
2022/23-4	Lab	LCS dup	3/13/2023	Organic	4-Chloro-3-methylphenol	n/a	=	18.9	µg/L	EPA 8270C	0.37	1			
2022/23-4	Lab	LCS dup, rec	3/13/2023	Organic	4-Chloro-3-methylphenol	n/a	=	95	%	EPA 8270C	-88	-88	29	108	
2022/23-4	Lab	LCS, RPD	3/13/2023	Organic	4-Chloro-3-methylphenol	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	4-Chloro-3-methylphenol	n/a	=	16.5	µg/L	EPA 625.1	0.23	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	4-Chloro-3-methylphenol	n/a	=	82	%	EPA 625.1	-88	-88	41	128	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	4-Chloro-3-methylphenol	n/a	=	18.4	µg/L	EPA 625.1	0.23	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	4-Chloro-3-methylphenol	n/a	=	92	%	EPA 625.1	-88	-88	41	128	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	4-Chloro-3-methylphenol	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2022/23-4	Lab	LCS	4/1/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	14.2	µg/L	EPA 625.1	0.41	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	71	%	EPA 625.1	-88	-88	38	145	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	16.3	µg/L	EPA 625.1	0.41	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	82	%	EPA 625.1	-88	-88	38	145	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	method blank	3/13/2023	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-4	Lab	LCS	3/13/2023	Organic	4-Nitrophenol	n/a	=	4.94	µg/L	EPA 8270C	1	2			
2022/23-4	Lab	LCS, rec	3/13/2023	Organic	4-Nitrophenol	n/a	=	25	%	EPA 8270C	-88	-88	6	46	
2022/23-4	Lab	LCS dup	3/13/2023	Organic	4-Nitrophenol	n/a	=	6.13	µg/L	EPA 8270C	1	2			
2022/23-4	Lab	LCS dup, rec	3/13/2023	Organic	4-Nitrophenol	n/a	=	31	%	EPA 8270C	-88	-88	6	46	
2022/23-4	Lab	LCS, RPD	3/13/2023	Organic	4-Nitrophenol	n/a	=	21	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	4-Nitrophenol	n/a	=	6.01	µg/L	EPA 625.1	1.2	5			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	4-Nitrophenol	n/a	=	30	%	EPA 625.1	-88	-88	13	129	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	4-Nitrophenol	n/a	=	6.71	µg/L	EPA 625.1	1.2	5			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	4-Nitrophenol	n/a	=	34	%	EPA 625.1	-88	-88	13	129	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	4-Nitrophenol	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2022/23-4	Lab	method blank	3/30/2023	Organic	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1			
2022/23-4	Lab	LCS	3/30/2023	Organic	Acenaphthene	n/a	=	0.369	µg/L	EPA 8270C	0.028	0.1			
2022/23-4	Lab	LCS, rec	3/30/2023	Organic	Acenaphthene	n/a	=	37	%	EPA 8270C	-88	-88	11	122	
2022/23-4	Lab	LCS dup	3/30/2023	Organic	Acenaphthene	n/a	=	0.376	µg/L	EPA 8270C	0.028	0.1			
2022/23-4	Lab	LCS dup, rec	3/30/2023	Organic	Acenaphthene	n/a	=	38	%	EPA 8270C	-88	-88	11	122	
2022/23-4	Lab	LCS, RPD	3/30/2023	Organic	Acenaphthene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	Acenaphthene	n/a	=	16.7	µg/L	EPA 625.1	0.38	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Acenaphthene	n/a	=	83	%	EPA 625.1	-88	-88	60	132	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Acenaphthene	n/a	=	18.4	µg/L	EPA 625.1	0.38	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Acenaphthene	n/a	=	92	%	EPA 625.1	-88	-88	60	132	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Acenaphthene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-4	Lab	method blank	3/30/2023	Organic	Acenaphthylene	n/a	DNQ	0.04	µg/L	EPA 8270C	0.033	0.1			IP
2022/23-4	Lab	LCS	3/30/2023	Organic	Acenaphthylene	n/a	=	0.325	µg/L	EPA 8270C	0.033	0.1			
2022/23-4	Lab	LCS, rec	3/30/2023	Organic	Acenaphthylene	n/a	=	33	%	EPA 8270C	-88	-88	4	135	
2022/23-4	Lab	LCS dup	3/30/2023	Organic	Acenaphthylene	n/a	=	0.339	µg/L	EPA 8270C	0.033	0.1			
2022/23-4	Lab	LCS dup, rec	3/30/2023	Organic	Acenaphthylene	n/a	=	34	%	EPA 8270C	-88	-88	4	135	
2022/23-4	Lab	LCS, RPD	3/30/2023	Organic	Acenaphthylene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	Acenaphthylene	n/a	=	17.6	µg/L	EPA 625.1	0.35	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Acenaphthylene	n/a	=	88	%	EPA 625.1	-88	-88	54	126	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Acenaphthylene	n/a	=	20.3	µg/L	EPA 625.1	0.35	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Acenaphthylene	n/a	=	102	%	EPA 625.1	-88	-88	54	126	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Acenaphthylene	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-4	Lab	method blank	3/30/2023	Organic	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1			
2022/23-4	Lab	LCS	3/30/2023	Organic	Anthracene	n/a	=	0.322	µg/L	EPA 8270C	0.025	0.1			
2022/23-4	Lab	LCS, rec	3/30/2023	Organic	Anthracene	n/a	=	32	%	EPA 8270C	-88	-88	22	127	
2022/23-4	Lab	LCS dup	3/30/2023	Organic	Anthracene	n/a	=	0.332	µg/L	EPA 8270C	0.025	0.1			
2022/23-4	Lab	LCS dup, rec	3/30/2023	Organic	Anthracene	n/a	=	33	%	EPA 8270C	-88	-88	22	127	
2022/23-4	Lab	LCS, RPD	3/30/2023	Organic	Anthracene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	Anthracene	n/a	=	18.4	µg/L	EPA 625.1	0.41	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Anthracene	n/a	=	92	%	EPA 625.1	-88	-88	43	120	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Anthracene	n/a	=	19.7	µg/L	EPA 625.1	0.41	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Anthracene	n/a	=	98	%	EPA 625.1	-88	-88	43	120	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Anthracene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	method blank	4/1/2023	Organic	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-4	Lab	method blank	3/30/2023	Organic	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2022/23-4	Lab	LCS	3/30/2023	Organic	Benz(a)anthracene	n/a	=	0.392	µg/L	EPA 8270C	0.051	0.1			
2022/23-4	Lab	LCS, rec	3/30/2023	Organic	Benz(a)anthracene	n/a	=	39	%	EPA 8270C	-88	-88	17	131	
2022/23-4	Lab	LCS dup	3/30/2023	Organic	Benz(a)anthracene	n/a	=	0.408	µg/L	EPA 8270C	0.051	0.1			
2022/23-4	Lab	LCS dup, rec	3/30/2023	Organic	Benz(a)anthracene	n/a	=	41	%	EPA 8270C	-88	-88	17	131	
2022/23-4	Lab	LCS, RPD	3/30/2023	Organic	Benz(a)anthracene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	Benz(a)anthracene	n/a	=	17.8	µg/L	EPA 625.1	0.19	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Benz(a)anthracene	n/a	=	89	%	EPA 625.1	-88	-88	42	133	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Benz(a)anthracene	n/a	=	19	µg/L	EPA 625.1	0.19	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Benz(a)anthracene	n/a	=	95	%	EPA 625.1	-88	-88	42	133	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Benz(a)anthracene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-4	Lab	method blank	4/1/2023	Organic	Benzo(a)pyrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10			
2022/23-4	Lab	method blank	3/14/2023	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-4	Lab	LCS	3/14/2023	Organic	Benzo(a)pyrene	n/a	=	4.93	µg/L	EPA 525.2	0.02	0.1			
2022/23-4	Lab	LCS, rec	3/14/2023	Organic	Benzo(a)pyrene	n/a	=	99	%	EPA 525.2	-88	-88	60	130	
2022/23-4	Lab	LCS dup	3/14/2023	Organic	Benzo(a)pyrene	n/a	=	4.86	µg/L	EPA 525.2	0.02	0.1			
2022/23-4	Lab	LCS dup, rec	3/14/2023	Organic	Benzo(a)pyrene	n/a	=	97	%	EPA 525.2	-88	-88	60	130	
2022/23-4	Lab	LCS, RPD	3/14/2023	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-4	Lab	method blank	3/30/2023	Organic	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2022/23-4	Lab	LCS	3/30/2023	Organic	Benzo(a)pyrene	n/a	=	0.418	µg/L	EPA 8270C	0.051	0.1			
2022/23-4	Lab	LCS, rec	3/30/2023	Organic	Benzo(a)pyrene	n/a	=	42	%	EPA 8270C	-88	-88	12	131	
2022/23-4	Lab	LCS dup	3/30/2023	Organic	Benzo(a)pyrene	n/a	=	0.447	µg/L	EPA 8270C	0.051	0.1			
2022/23-4	Lab	LCS dup, rec	3/30/2023	Organic	Benzo(a)pyrene	n/a	=	45	%	EPA 8270C	-88	-88	12	131	
2022/23-4	Lab	LCS, RPD	3/30/2023	Organic	Benzo(a)pyrene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	Benzo(a)pyrene	n/a	=	19.1	µg/L	EPA 625.1	0.39	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Benzo(a)pyrene	n/a	=	96	%	EPA 625.1	-88	-88	32	148	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Benzo(a)pyrene	n/a	=	19.6	µg/L	EPA 625.1	0.39	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Benzo(a)pyrene	n/a	=	98	%	EPA 625.1	-88	-88	32	148	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2022/23-4	Lab	method blank	3/30/2023	Organic	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2022/23-4	Lab	LCS	3/30/2023	Organic	Benzo(b)fluoranthene	n/a	=	0.413	µg/L	EPA 8270C	0.074	0.1			
2022/23-4	Lab	LCS, rec	3/30/2023	Organic	Benzo(b)fluoranthene	n/a	=	41	%	EPA 8270C	-88	-88	19	129	
2022/23-4	Lab	LCS dup	3/30/2023	Organic	Benzo(b)fluoranthene	n/a	=	0.43	µg/L	EPA 8270C	0.074	0.1			
2022/23-4	Lab	LCS dup, rec	3/30/2023	Organic	Benzo(b)fluoranthene	n/a	=	43	%	EPA 8270C	-88	-88	19	129	
2022/23-4	Lab	LCS, RPD	3/30/2023	Organic	Benzo(b)fluoranthene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	Benzo(b)fluoranthene	n/a	=	20.3	µg/L	EPA 625.1	0.46	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Benzo(b)fluoranthene	n/a	=	102	%	EPA 625.1	-88	-88	42	140	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Benzo(b)fluoranthene	n/a	=	21.5	µg/L	EPA 625.1	0.46	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Benzo(b)fluoranthene	n/a	=	108	%	EPA 625.1	-88	-88	42	140	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Benzo(b)fluoranthene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-4	Lab	method blank	3/30/2023	Organic	Benzo(e)pyrene	n/a	<	0.055	µg/L	EPA 8270C	0.055	0.1			
2022/23-4	Lab	method blank	3/30/2023	Organic	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1			
2022/23-4	Lab	LCS	3/30/2023	Organic	Benzo(g,h,i)perylene	n/a	=	0.464	µg/L	EPA 8270C	0.05	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	LCS, rec	3/30/2023	Organic	Benzo(g,h,i)perylene	n/a	=	46	%	EPA 8270C	-88	-88	14	139	
2022/23-4	Lab	LCS dup	3/30/2023	Organic	Benzo(g,h,i)perylene	n/a	=	0.501	µg/L	EPA 8270C	0.05	0.1			
2022/23-4	Lab	LCS dup, rec	3/30/2023	Organic	Benzo(g,h,i)perylene	n/a	=	50	%	EPA 8270C	-88	-88	14	139	
2022/23-4	Lab	LCS, RPD	3/30/2023	Organic	Benzo(g,h,i)perylene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	Benzo(g,h,i)perylene	n/a	=	18.8	µg/L	EPA 625.1	0.42	2			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Benzo(g,h,i)perylene	n/a	=	94	%	EPA 625.1	-88	-88	0.1	195	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Benzo(g,h,i)perylene	n/a	=	20.6	µg/L	EPA 625.1	0.42	2			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Benzo(g,h,i)perylene	n/a	=	103	%	EPA 625.1	-88	-88	0.1	195	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Benzo(g,h,i)perylene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2022/23-4	Lab	method blank	3/30/2023	Organic	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-4	Lab	LCS	3/30/2023	Organic	Benzo(k)fluoranthene	n/a	=	0.418	µg/L	EPA 8270C	0.026	0.1			
2022/23-4	Lab	LCS, rec	3/30/2023	Organic	Benzo(k)fluoranthene	n/a	=	42	%	EPA 8270C	-88	-88	22	127	
2022/23-4	Lab	LCS dup	3/30/2023	Organic	Benzo(k)fluoranthene	n/a	=	0.464	µg/L	EPA 8270C	0.026	0.1			
2022/23-4	Lab	LCS dup, rec	3/30/2023	Organic	Benzo(k)fluoranthene	n/a	=	46	%	EPA 8270C	-88	-88	22	127	
2022/23-4	Lab	LCS, RPD	3/30/2023	Organic	Benzo(k)fluoranthene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	Benzo(k)fluoranthene	n/a	=	17.1	µg/L	EPA 625.1	0.22	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Benzo(k)fluoranthene	n/a	=	85	%	EPA 625.1	-88	-88	25	146	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Benzo(k)fluoranthene	n/a	=	18.3	µg/L	EPA 625.1	0.22	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Benzo(k)fluoranthene	n/a	=	92	%	EPA 625.1	-88	-88	25	146	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Benzo(k)fluoranthene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-4	Lab	LCS	4/1/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	17.3	µg/L	EPA 625.1	0.25	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	86	%	EPA 625.1	-88	-88	49	165	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	18.1	µg/L	EPA 625.1	0.25	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	91	%	EPA 625.1	-88	-88	49	165	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-4	Lab	LCS	4/1/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	16.1	µg/L	EPA 625.1	0.27	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	80	%	EPA 625.1	-88	-88	43	126	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	17.1	µg/L	EPA 625.1	0.27	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	85	%	EPA 625.1	-88	-88	43	126	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-4	Lab	LCS	4/1/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	18	µg/L	EPA 625.1	0.38	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	90	%	EPA 625.1	-88	-88	63	139	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	20	µg/L	EPA 625.1	0.38	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	100	%	EPA 625.1	-88	-88	63	139	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-4	Lab	method blank	3/14/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5			
2022/23-4	Lab	LCS	3/14/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.03	µg/L	EPA 525.2	0.42	5			
2022/23-4	Lab	LCS, rec	3/14/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS dup	3/14/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.86	µg/L	EPA 525.2	0.42	5			
2022/23-4	Lab	LCS dup, rec	3/14/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS, RPD	3/14/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-4	Lab	method blank	3/14/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	LCS	3/14/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.29	µg/L	EPA 525.2	0.41	3			
2022/23-4	Lab	LCS, rec	3/14/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS dup	3/14/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.25	µg/L	EPA 525.2	0.41	3			
2022/23-4	Lab	LCS dup, rec	3/14/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS, RPD	3/14/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	19.4	µg/L	EPA 625.1	2.3	5			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	97	%	EPA 625.1	-88	-88	29	137	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	20.7	µg/L	EPA 625.1	2.3	5			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	104	%	EPA 625.1	-88	-88	29	137	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2022/23-4	Lab	LCS	4/1/2023	Organic	Butyl benzyl phthalate	n/a	=	20	µg/L	EPA 625.1	0.49	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Butyl benzyl phthalate	n/a	=	100	%	EPA 625.1	-88	-88	0.1	140	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Butyl benzyl phthalate	n/a	=	21.7	µg/L	EPA 625.1	0.49	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Butyl benzyl phthalate	n/a	=	109	%	EPA 625.1	-88	-88	0.1	140	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Butyl benzyl phthalate	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-4	Lab	method blank	3/30/2023	Organic	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2022/23-4	Lab	LCS	3/30/2023	Organic	Chrysene	n/a	=	0.406	µg/L	EPA 8270C	0.074	0.1			
2022/23-4	Lab	LCS, rec	3/30/2023	Organic	Chrysene	n/a	=	41	%	EPA 8270C	-88	-88	32	126	
2022/23-4	Lab	LCS dup	3/30/2023	Organic	Chrysene	n/a	=	0.444	µg/L	EPA 8270C	0.074	0.1			
2022/23-4	Lab	LCS dup, rec	3/30/2023	Organic	Chrysene	n/a	=	44	%	EPA 8270C	-88	-88	32	126	
2022/23-4	Lab	LCS, RPD	3/30/2023	Organic	Chrysene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	Chrysene	n/a	=	17.2	µg/L	EPA 625.1	0.19	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Chrysene	n/a	=	86	%	EPA 625.1	-88	-88	44	140	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Chrysene	n/a	=	18.9	µg/L	EPA 625.1	0.19	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Chrysene	n/a	=	94	%	EPA 625.1	-88	-88	44	140	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Chrysene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-4	Lab	method blank	3/30/2023	Organic	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1			
2022/23-4	Lab	LCS	3/30/2023	Organic	Dibenz(a,h)anthracene	n/a	=	0.47	µg/L	EPA 8270C	0.036	0.1			
2022/23-4	Lab	LCS, rec	3/30/2023	Organic	Dibenz(a,h)anthracene	n/a	=	47	%	EPA 8270C	-88	-88	9	147	
2022/23-4	Lab	LCS dup	3/30/2023	Organic	Dibenz(a,h)anthracene	n/a	=	0.498	µg/L	EPA 8270C	0.036	0.1			
2022/23-4	Lab	LCS dup, rec	3/30/2023	Organic	Dibenz(a,h)anthracene	n/a	=	50	%	EPA 8270C	-88	-88	9	147	
2022/23-4	Lab	LCS, RPD	3/30/2023	Organic	Dibenz(a,h)anthracene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	Dibenz(a,h)anthracene	n/a	=	18	µg/L	EPA 625.1	0.15	2			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Dibenz(a,h)anthracene	n/a	=	90	%	EPA 625.1	-88	-88	0.1	200	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Dibenz(a,h)anthracene	n/a	=	19.9	µg/L	EPA 625.1	0.15	2			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Dibenz(a,h)anthracene	n/a	=	99	%	EPA 625.1	-88	-88	0.1	200	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Dibenz(a,h)anthracene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2			
2022/23-4	Lab	LCS	4/1/2023	Organic	Diethyl phthalate	n/a	=	16.3	µg/L	EPA 625.1	0.35	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Diethyl phthalate	n/a	=	82	%	EPA 625.1	-88	-88	0.1	120	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Diethyl phthalate	n/a	=	17.3	µg/L	EPA 625.1	0.35	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Diethyl phthalate	n/a	=	86	%	EPA 625.1	-88	-88	0.1	120	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Diethyl phthalate	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			

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Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	LCS	4/1/2023	Organic	Dimethyl phthalate	n/a	=	16.3	µg/L	EPA 625.1	0.18	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Dimethyl phthalate	n/a	=	82	%	EPA 625.1	-88	-88	0.1	120	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Dimethyl phthalate	n/a	=	17.3	µg/L	EPA 625.1	0.18	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Dimethyl phthalate	n/a	=	87	%	EPA 625.1	-88	-88	0.1	120	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Dimethyl phthalate	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2022/23-4	Lab	LCS	4/1/2023	Organic	Di-n-butylphthalate	n/a	=	18.3	µg/L	EPA 625.1	0.34	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Di-n-butylphthalate	n/a	=	92	%	EPA 625.1	-88	-88	8	120	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Di-n-butylphthalate	n/a	=	19	µg/L	EPA 625.1	0.34	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Di-n-butylphthalate	n/a	=	95	%	EPA 625.1	-88	-88	8	120	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Di-n-butylphthalate	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1			
2022/23-4	Lab	LCS	4/1/2023	Organic	Di-n-octylphthalate	n/a	=	18.7	µg/L	EPA 625.1	0.46	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Di-n-octylphthalate	n/a	=	93	%	EPA 625.1	-88	-88	19	132	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Di-n-octylphthalate	n/a	=	20.3	µg/L	EPA 625.1	0.46	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Di-n-octylphthalate	n/a	=	102	%	EPA 625.1	-88	-88	19	132	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Di-n-octylphthalate	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-4	Lab	method blank	3/30/2023	Organic	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1			
2022/23-4	Lab	LCS	3/30/2023	Organic	Fluoranthene	n/a	=	0.358	µg/L	EPA 8270C	0.039	0.1			
2022/23-4	Lab	LCS, rec	3/30/2023	Organic	Fluoranthene	n/a	=	36	%	EPA 8270C	-88	-88	22	131	
2022/23-4	Lab	LCS dup	3/30/2023	Organic	Fluoranthene	n/a	=	0.37	µg/L	EPA 8270C	0.039	0.1			
2022/23-4	Lab	LCS dup, rec	3/30/2023	Organic	Fluoranthene	n/a	=	37	%	EPA 8270C	-88	-88	22	131	
2022/23-4	Lab	LCS, RPD	3/30/2023	Organic	Fluoranthene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	Fluoranthene	n/a	=	17.6	µg/L	EPA 625.1	0.35	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Fluoranthene	n/a	=	88	%	EPA 625.1	-88	-88	43	121	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Fluoranthene	n/a	=	19	µg/L	EPA 625.1	0.35	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Fluoranthene	n/a	=	95	%	EPA 625.1	-88	-88	43	121	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Fluoranthene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-4	Lab	method blank	3/30/2023	Organic	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2022/23-4	Lab	LCS	3/30/2023	Organic	Fluorene	n/a	=	0.337	µg/L	EPA 8270C	0.029	0.1			
2022/23-4	Lab	LCS, rec	3/30/2023	Organic	Fluorene	n/a	=	34	%	EPA 8270C	-88	-88	19	122	
2022/23-4	Lab	LCS dup	3/30/2023	Organic	Fluorene	n/a	=	0.347	µg/L	EPA 8270C	0.029	0.1			
2022/23-4	Lab	LCS dup, rec	3/30/2023	Organic	Fluorene	n/a	=	35	%	EPA 8270C	-88	-88	19	122	
2022/23-4	Lab	LCS, RPD	3/30/2023	Organic	Fluorene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	Fluorene	n/a	=	15.9	µg/L	EPA 625.1	0.35	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Fluorene	n/a	=	80	%	EPA 625.1	-88	-88	70	120	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Fluorene	n/a	=	17.7	µg/L	EPA 625.1	0.35	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Fluorene	n/a	=	89	%	EPA 625.1	-88	-88	70	120	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Fluorene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-4	Lab	LCS	4/1/2023	Organic	Hexachlorobenzene	n/a	=	16.2	µg/L	EPA 625.1	0.49	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Hexachlorobenzene	n/a	=	81	%	EPA 625.1	-88	-88	8	142	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Hexachlorobenzene	n/a	=	18	µg/L	EPA 625.1	0.49	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Hexachlorobenzene	n/a	=	90	%	EPA 625.1	-88	-88	8	142	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Hexachlorobenzene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	

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Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	method blank	4/1/2023	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-4	Lab	LCS	4/1/2023	Organic	Hexachlorobutadiene	n/a	=	12.6	µg/L	EPA 625.1	0.47	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Hexachlorobutadiene	n/a	=	63	%	EPA 625.1	-88	-88	38	120	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Hexachlorobutadiene	n/a	=	17.1	µg/L	EPA 625.1	0.47	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Hexachlorobutadiene	n/a	=	85	%	EPA 625.1	-88	-88	38	120	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Hexachlorobutadiene	n/a	=	30	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2022/23-4	Lab	method blank	3/14/2023	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2022/23-4	Lab	LCS	3/14/2023	Organic	Hexachlorocyclopentadiene	n/a	=	1.97	µg/L	EPA 525.2	0.092	1			
2022/23-4	Lab	LCS, rec	3/14/2023	Organic	Hexachlorocyclopentadiene	n/a	=	79	%	EPA 525.2	-88	-88	33	106	
2022/23-4	Lab	LCS dup	3/14/2023	Organic	Hexachlorocyclopentadiene	n/a	=	1.89	µg/L	EPA 525.2	0.092	1			
2022/23-4	Lab	LCS dup, rec	3/14/2023	Organic	Hexachlorocyclopentadiene	n/a	=	76	%	EPA 525.2	-88	-88	33	106	
2022/23-4	Lab	LCS, RPD	3/14/2023	Organic	Hexachlorocyclopentadiene	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	Hexachlorocyclopentadiene	n/a	=	7.23	µg/L	EPA 625.1	0.31	5			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Hexachlorocyclopentadiene	n/a	=	36	%	EPA 625.1	-88	-88	10	120	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Hexachlorocyclopentadiene	n/a	=	10.1	µg/L	EPA 625.1	0.31	5			IL
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Hexachlorocyclopentadiene	n/a	=	50	%	EPA 625.1	-88	-88	10	120	IL
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Hexachlorocyclopentadiene	n/a	=	33	%	EPA 625.1	-88	-88	0	30	IL
2022/23-4	Lab	method blank	4/1/2023	Organic	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5			
2022/23-4	Lab	LCS	4/1/2023	Organic	Hexachloroethane	n/a	=	11.2	µg/L	EPA 625.1	0.5	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Hexachloroethane	n/a	=	56	%	EPA 625.1	-88	-88	55	120	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Hexachloroethane	n/a	=	15.6	µg/L	EPA 625.1	0.5	1			IL
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Hexachloroethane	n/a	=	78	%	EPA 625.1	-88	-88	55	120	IL
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Hexachloroethane	n/a	=	32	%	EPA 625.1	-88	-88	0	30	IL
2022/23-4	Lab	method blank	4/1/2023	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-4	Lab	method blank	3/30/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1			
2022/23-4	Lab	LCS	3/30/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.427	µg/L	EPA 8270C	0.065	0.1			
2022/23-4	Lab	LCS, rec	3/30/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	43	%	EPA 8270C	-88	-88	12	136	
2022/23-4	Lab	LCS dup	3/30/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.456	µg/L	EPA 8270C	0.065	0.1			
2022/23-4	Lab	LCS dup, rec	3/30/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	46	%	EPA 8270C	-88	-88	12	136	
2022/23-4	Lab	LCS, RPD	3/30/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	16.5	µg/L	EPA 625.1	0.25	2			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	83	%	EPA 625.1	-88	-88	0.1	151	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	18.3	µg/L	EPA 625.1	0.25	2			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	92	%	EPA 625.1	-88	-88	0.1	151	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2			
2022/23-4	Lab	LCS	4/1/2023	Organic	Isophorone	n/a	=	16.2	µg/L	EPA 625.1	0.21	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Isophorone	n/a	=	81	%	EPA 625.1	-88	-88	47	180	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Isophorone	n/a	=	17.3	µg/L	EPA 625.1	0.21	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Isophorone	n/a	=	87	%	EPA 625.1	-88	-88	47	180	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Isophorone	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2022/23-4	Lab	LCS	3/1/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	200	µg/L	EPA 624.1	0.4	1			
2022/23-4	Lab	LCS, rec	3/1/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	100	%	EPA 624.1	-88	-88	80	128	
2022/23-4	Lab	LCS dup	3/1/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	214	µg/L	EPA 624.1	0.4	1			
2022/23-4	Lab	LCS dup, rec	3/1/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	107	%	EPA 624.1	-88	-88	80	128	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	LCS, RPD	3/1/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	7	%	EPA 624.1	-88	-88	0	25	
2022/23-4	Lab	method blank	3/1/2023	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1			
2022/23-4	Lab	method blank	3/30/2023	Organic	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-4	Lab	LCS	3/30/2023	Organic	Naphthalene	n/a	=	0.363	µg/L	EPA 8270C	0.026	0.1			
2022/23-4	Lab	LCS, rec	3/30/2023	Organic	Naphthalene	n/a	=	36	%	EPA 8270C	-88	-88	12	136	
2022/23-4	Lab	LCS dup	3/30/2023	Organic	Naphthalene	n/a	=	0.373	µg/L	EPA 8270C	0.026	0.1			
2022/23-4	Lab	LCS dup, rec	3/30/2023	Organic	Naphthalene	n/a	=	37	%	EPA 8270C	-88	-88	12	136	
2022/23-4	Lab	LCS, RPD	3/30/2023	Organic	Naphthalene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	Naphthalene	n/a	=	14.9	µg/L	EPA 625.1	0.49	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Naphthalene	n/a	=	74	%	EPA 625.1	-88	-88	36	120	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Naphthalene	n/a	=	17.4	µg/L	EPA 625.1	0.49	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Naphthalene	n/a	=	87	%	EPA 625.1	-88	-88	36	120	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Naphthalene	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-4	Lab	LCS	4/1/2023	Organic	Nitrobenzene	n/a	=	16.7	µg/L	EPA 625.1	0.36	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Nitrobenzene	n/a	=	84	%	EPA 625.1	-88	-88	54	158	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Nitrobenzene	n/a	=	18.3	µg/L	EPA 625.1	0.36	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Nitrobenzene	n/a	=	91	%	EPA 625.1	-88	-88	54	158	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Nitrobenzene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-4	Lab	srgt method blank	3/30/2023	Organic	Nitrobenzene-d5	n/a	=	17.4	µg/L	EPA 8270C	-88	-88			
2022/23-4	Lab	srgt method blank, rec	3/30/2023	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 8270C	-88	-88	51	143	
2022/23-4	Lab	srgt LCS	3/30/2023	Organic	Nitrobenzene-d5	n/a	=	3.41	µg/L	EPA 8270C	-88	-88			
2022/23-4	Lab	srgt LCS, rec	3/30/2023	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 8270C	-88	-88	51	143	
2022/23-4	Lab	srgt LCS dup	3/30/2023	Organic	Nitrobenzene-d5	n/a	=	3.61	µg/L	EPA 8270C	-88	-88			
2022/23-4	Lab	srgt LCS dup, rec	3/30/2023	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270C	-88	-88	51	143	
2022/23-4	Lab	srgt LCS	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	17.2	µg/L	EPA 625.1	-88	-88			
2022/23-4	Lab	srgt LCS, rec	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 625.1	-88	-88	47	120	
2022/23-4	Lab	srgt LCS dup	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	17.8	µg/L	EPA 625.1	-88	-88			
2022/23-4	Lab	srgt LCS dup, rec	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	89	%	EPA 625.1	-88	-88	47	120	
2022/23-4	Lab	srgt method blank	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	17	µg/L	EPA 625.1	-88	-88			
2022/23-4	Lab	srgt method blank, rec	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 625.1	-88	-88	47	120	
2022/23-4	ME-CC	srgt environ	3/30/2023	Organic	Nitrobenzene-d5	n/a	=	14.6	µg/L	EPA 8270C	-88	-88			
2022/23-4	ME-CC	srgt environ, rec	3/30/2023	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 8270C	-88	-88	51	143	
2022/23-4	ME-CC	srgt environ	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	13.2	µg/L	EPA 625.1	-88	-88			
2022/23-4	ME-CC	srgt environ, rec	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 625.1	-88	-88	47	120	
2022/23-4	ME-SCR	srgt environ	3/30/2023	Organic	Nitrobenzene-d5	n/a	=	18.3	µg/L	EPA 8270C	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	3/30/2023	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 8270C	-88	-88	51	143	
2022/23-4	ME-SCR	srgt environ	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	16.1	µg/L	EPA 625.1	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 625.1	-88	-88	47	120	
2022/23-4	ME-VR2	srgt environ	3/30/2023	Organic	Nitrobenzene-d5	n/a	=	20.3	µg/L	EPA 8270C	-88	-88			
2022/23-4	ME-VR2	srgt environ, rec	3/30/2023	Organic	Nitrobenzene-d5	n/a	=	89	%	EPA 8270C	-88	-88	51	143	
2022/23-4	ME-VR2	srgt environ	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	20.7	µg/L	EPA 625.1	-88	-88			
2022/23-4	ME-VR2	srgt environ, rec	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	91	%	EPA 625.1	-88	-88	47	120	
2022/23-4	MO-CAM	srgt environ	3/30/2023	Organic	Nitrobenzene-d5	n/a	=	15.8	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-CAM	srgt environ, rec	3/30/2023	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 8270C	-88	-88	51	143	
2022/23-4	MO-CAM	srgt environ	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	16.2	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	
2022/23-4	MO-CAM	srqt environ, rec	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625.1	-88	-88	47	120	
2022/23-4	MO-FIL	srqt environ	3/31/2023	Organic	Nitrobenzene-d5	n/a	=	16.9	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-FIL	srqt environ, rec	3/31/2023	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 8270C	-88	-88	51	143	
2022/23-4	MO-FIL	srqt environ	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	16.2	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-FIL	srqt environ, rec	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625.1	-88	-88	47	120	
2022/23-4	MO-HUE	srqt environ	3/31/2023	Organic	Nitrobenzene-d5	n/a	=	15.7	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-HUE	srqt environ, rec	3/31/2023	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 8270C	-88	-88	51	143	
2022/23-4	MO-HUE	srqt environ	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	15.4	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-HUE	srqt environ, rec	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 625.1	-88	-88	47	120	
2022/23-4	MO-MEI	srqt environ	3/31/2023	Organic	Nitrobenzene-d5	n/a	=	14.5	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-MEI	srqt environ, rec	3/31/2023	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 8270C	-88	-88	51	143	
2022/23-4	MO-MEI	srqt environ	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	13	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-MEI	srqt environ, rec	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 625.1	-88	-88	47	120	
2022/23-4	MO-MPK	srqt environ	3/31/2023	Organic	Nitrobenzene-d5	n/a	=	15.3	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-MPK	srqt environ, rec	3/31/2023	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 8270C	-88	-88	51	143	
2022/23-4	MO-MPK	srqt environ	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	14.6	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-MPK	srqt environ, rec	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 625.1	-88	-88	47	120	
2022/23-4	MO-OJA	srqt environ	3/31/2023	Organic	Nitrobenzene-d5	n/a	=	15.1	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-OJA	srqt environ, rec	3/31/2023	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270C	-88	-88	51	143	
2022/23-4	MO-OJA	srqt environ	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	14.7	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-OJA	srqt environ, rec	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 625.1	-88	-88	47	120	
2022/23-4	MO-OXN	srqt environ	3/31/2023	Organic	Nitrobenzene-d5	n/a	=	16.5	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-OXN	srqt environ, rec	3/31/2023	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 8270C	-88	-88	51	143	
2022/23-4	MO-OXN	srqt environ	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	16.7	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-OXN	srqt environ, rec	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 625.1	-88	-88	47	120	
2022/23-4	MO-SIM	srqt environ	3/31/2023	Organic	Nitrobenzene-d5	n/a	=	18	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-SIM	srqt environ, rec	3/31/2023	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 8270C	-88	-88	51	143	
2022/23-4	MO-SIM	srqt environ	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	16.2	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-SIM	srqt environ, rec	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625.1	-88	-88	47	120	
2022/23-4	MO-SPA	srqt environ	3/31/2023	Organic	Nitrobenzene-d5	n/a	=	16.4	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-SPA	srqt environ, rec	3/31/2023	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 8270C	-88	-88	51	143	
2022/23-4	MO-SPA	srqt environ	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	15.6	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-SPA	srqt environ, rec	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625.1	-88	-88	47	120	
2022/23-4	MO-THO	srqt environ	3/31/2023	Organic	Nitrobenzene-d5	n/a	=	14.9	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-THO	srqt environ, rec	3/31/2023	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 8270C	-88	-88	51	143	
2022/23-4	MO-THO	srqt environ	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	15.4	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-THO	srqt environ, rec	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625.1	-88	-88	47	120	
2022/23-4	MO-VEN	srqt environ	3/31/2023	Organic	Nitrobenzene-d5	n/a	=	14.3	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-VEN	srqt environ, rec	3/31/2023	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 8270C	-88	-88	51	143	
2022/23-4	MO-VEN	srqt environ	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	13.5	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-VEN	srqt environ, rec	4/1/2023	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625.1	-88	-88	47	120	
2022/23-4	Lab	LCS	4/1/2023	Organic	N-Nitrosodimethylamine	n/a	=	9.71	µg/L	EPA 625.1	0.5	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	N-Nitrosodimethylamine	n/a	=	49	%	EPA 625.1	-88	-88	22	120	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	N-Nitrosodimethylamine	n/a	=	10.8	µg/L	EPA 625.1	0.5	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	N-Nitrosodimethylamine	n/a	=	54	%	EPA 625.1	-88	-88	22	120	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	N-Nitrosodimethylamine	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	LCS	4/1/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	16.8	µg/L	EPA 625.1	0.26	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	84	%	EPA 625.1	-88	-88	14	198	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	18	µg/L	EPA 625.1	0.26	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	90	%	EPA 625.1	-88	-88	14	198	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-4	Lab	LCS	4/1/2023	Organic	N-Nitrosodiphenylamine	n/a	=	13.3	µg/L	EPA 625.1	0.19	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	N-Nitrosodiphenylamine	n/a	=	66	%	EPA 625.1	-88	-88	47	120	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	N-Nitrosodiphenylamine	n/a	=	14.8	µg/L	EPA 625.1	0.19	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	N-Nitrosodiphenylamine	n/a	=	74	%	EPA 625.1	-88	-88	47	120	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	N-Nitrosodiphenylamine	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-4	Lab	srgt method blank	3/14/2023	Organic	Perylene-d12	n/a	=	3.93	µg/L	EPA 525.2	-88	-88			
2022/23-4	Lab	srgt method blank, rec	3/14/2023	Organic	Perylene-d12	n/a	=	79	%	EPA 525.2	-88	-88	50	120	
2022/23-4	Lab	srgt LCS	3/14/2023	Organic	Perylene-d12	n/a	=	4.49	µg/L	EPA 525.2	-88	-88			
2022/23-4	Lab	srgt LCS, rec	3/14/2023	Organic	Perylene-d12	n/a	=	90	%	EPA 525.2	-88	-88	50	120	
2022/23-4	Lab	srgt LCS dup	3/14/2023	Organic	Perylene-d12	n/a	=	4.67	µg/L	EPA 525.2	-88	-88			
2022/23-4	Lab	srgt LCS dup, rec	3/14/2023	Organic	Perylene-d12	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2022/23-4	ME-CC	srgt environ	3/14/2023	Organic	Perylene-d12	n/a	=	16	µg/L	EPA 525.2	-88	-88			
2022/23-4	ME-CC	srgt environ, rec	3/14/2023	Organic	Perylene-d12	n/a	=	64	%	EPA 525.2	-88	-88	50	120	
2022/23-4	ME-SCR	srgt environ	3/14/2023	Organic	Perylene-d12	n/a	=	8.34	µg/L	EPA 525.2	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	3/14/2023	Organic	Perylene-d12	n/a	=	83	%	EPA 525.2	-88	-88	50	120	
2022/23-4	ME-VR2	srgt environ	3/14/2023	Organic	Perylene-d12	n/a	=	8.11	µg/L	EPA 525.2	-88	-88			
2022/23-4	ME-VR2	srgt environ, rec	3/14/2023	Organic	Perylene-d12	n/a	=	81	%	EPA 525.2	-88	-88	50	120	
2022/23-4	MO-CAM	srgt environ	3/14/2023	Organic	Perylene-d12	n/a	=	10.5	µg/L	EPA 525.2	-88	-88			
2022/23-4	MO-CAM	srgt environ, rec	3/14/2023	Organic	Perylene-d12	n/a	=	105	%	EPA 525.2	-88	-88	50	120	
2022/23-4	MO-FIL	srgt environ	3/14/2023	Organic	Perylene-d12	n/a	=	21.6	µg/L	EPA 525.2	-88	-88			
2022/23-4	MO-FIL	srgt environ, rec	3/14/2023	Organic	Perylene-d12	n/a	=	87	%	EPA 525.2	-88	-88	50	120	
2022/23-4	MO-HUE	srgt environ	3/14/2023	Organic	Perylene-d12	n/a	=	20	µg/L	EPA 525.2	-88	-88			
2022/23-4	MO-HUE	srgt environ, rec	3/14/2023	Organic	Perylene-d12	n/a	=	80	%	EPA 525.2	-88	-88	50	120	
2022/23-4	MO-MEI	srgt environ	3/14/2023	Organic	Perylene-d12	n/a	=	23.9	µg/L	EPA 525.2	-88	-88			
2022/23-4	MO-MEI	srgt environ, rec	3/14/2023	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2022/23-4	MO-MPK	srgt environ	3/14/2023	Organic	Perylene-d12	n/a	=	22.1	µg/L	EPA 525.2	-88	-88			
2022/23-4	MO-MPK	srgt environ, rec	3/14/2023	Organic	Perylene-d12	n/a	=	88	%	EPA 525.2	-88	-88	50	120	
2022/23-4	MO-OJA	srgt environ	3/14/2023	Organic	Perylene-d12	n/a	=	9.43	µg/L	EPA 525.2	-88	-88			
2022/23-4	MO-OJA	srgt environ, rec	3/14/2023	Organic	Perylene-d12	n/a	=	94	%	EPA 525.2	-88	-88	50	120	
2022/23-4	MO-OXN	srgt environ	3/14/2023	Organic	Perylene-d12	n/a	=	22.8	µg/L	EPA 525.2	-88	-88			
2022/23-4	MO-OXN	srgt environ, rec	3/14/2023	Organic	Perylene-d12	n/a	=	91	%	EPA 525.2	-88	-88	50	120	
2022/23-4	MO-SIM	srgt environ	3/14/2023	Organic	Perylene-d12	n/a	=	22.1	µg/L	EPA 525.2	-88	-88			
2022/23-4	MO-SIM	srgt environ, rec	3/14/2023	Organic	Perylene-d12	n/a	=	88	%	EPA 525.2	-88	-88	50	120	
2022/23-4	MO-SPA	srgt environ	3/14/2023	Organic	Perylene-d12	n/a	=	24.8	µg/L	EPA 525.2	-88	-88			
2022/23-4	MO-SPA	srgt environ, rec	3/14/2023	Organic	Perylene-d12	n/a	=	99	%	EPA 525.2	-88	-88	50	120	
2022/23-4	MO-THO	srgt environ	3/14/2023	Organic	Perylene-d12	n/a	=	20.3	µg/L	EPA 525.2	-88	-88			
2022/23-4	MO-THO	srgt environ, rec	3/14/2023	Organic	Perylene-d12	n/a	=	81	%	EPA 525.2	-88	-88	50	120	
2022/23-4	MO-VEN	srgt environ	3/14/2023	Organic	Perylene-d12	n/a	=	23.8	µg/L	EPA 525.2	-88	-88			
2022/23-4	MO-VEN	srgt environ, rec	3/14/2023	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2022/23-4	Lab	method blank	3/30/2023	Organic	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	LCS	3/30/2023	Organic	Phenanthrene	n/a	=	0.37	µg/L	EPA 8270C	0.029	0.1			
2022/23-4	Lab	LCS, rec	3/30/2023	Organic	Phenanthrene	n/a	=	37	%	EPA 8270C	-88	-88	21	131	
2022/23-4	Lab	LCS dup	3/30/2023	Organic	Phenanthrene	n/a	=	0.387	µg/L	EPA 8270C	0.029	0.1			
2022/23-4	Lab	LCS dup, rec	3/30/2023	Organic	Phenanthrene	n/a	=	39	%	EPA 8270C	-88	-88	21	131	
2022/23-4	Lab	LCS, RPD	3/30/2023	Organic	Phenanthrene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	Phenanthrene	n/a	=	16.8	µg/L	EPA 625.1	0.32	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Phenanthrene	n/a	=	84	%	EPA 625.1	-88	-88	65	120	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Phenanthrene	n/a	=	18.3	µg/L	EPA 625.1	0.32	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Phenanthrene	n/a	=	91	%	EPA 625.1	-88	-88	65	120	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Phenanthrene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2022/23-4	Lab	method blank	3/13/2023	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2022/23-4	Lab	LCS	3/13/2023	Organic	Phenol	n/a	=	6.94	µg/L	EPA 8270C	0.35	1			
2022/23-4	Lab	LCS, rec	3/13/2023	Organic	Phenol	n/a	=	35	%	EPA 8270C	-88	-88	6	43	
2022/23-4	Lab	LCS dup	3/13/2023	Organic	Phenol	n/a	=	7.4	µg/L	EPA 8270C	0.35	1			
2022/23-4	Lab	LCS dup, rec	3/13/2023	Organic	Phenol	n/a	=	37	%	EPA 8270C	-88	-88	6	43	
2022/23-4	Lab	LCS, RPD	3/13/2023	Organic	Phenol	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	Phenol	n/a	=	5.91	µg/L	EPA 625.1	0.81	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Phenol	n/a	=	30	%	EPA 625.1	-88	-88	17	120	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Phenol	n/a	=	6.25	µg/L	EPA 625.1	0.81	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Phenol	n/a	=	31	%	EPA 625.1	-88	-88	17	120	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Phenol	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1			
2022/23-4	Lab	srgt method blank	3/13/2023	Organic	Phenol-d5	n/a	=	14.2	µg/L	EPA 8270C	-88	-88			
2022/23-4	Lab	srgt method blank, rec	3/13/2023	Organic	Phenol-d5	n/a	=	35	%	EPA 8270C	-88	-88	5	46	
2022/23-4	Lab	srgt LCS	3/13/2023	Organic	Phenol-d5	n/a	=	13.6	µg/L	EPA 8270C	-88	-88			
2022/23-4	Lab	srgt LCS, rec	3/13/2023	Organic	Phenol-d5	n/a	=	34	%	EPA 8270C	-88	-88	5	46	
2022/23-4	Lab	srgt LCS dup	3/13/2023	Organic	Phenol-d5	n/a	=	14.3	µg/L	EPA 8270C	-88	-88			
2022/23-4	Lab	srgt LCS dup, rec	3/13/2023	Organic	Phenol-d5	n/a	=	36	%	EPA 8270C	-88	-88	5	46	
2022/23-4	Lab	srgt LCS	4/1/2023	Organic	Phenol-d5	n/a	=	12.9	µg/L	EPA 625.1	-88	-88			
2022/23-4	Lab	srgt LCS, rec	4/1/2023	Organic	Phenol-d5	n/a	=	32	%	EPA 625.1	-88	-88	12	120	
2022/23-4	Lab	srgt LCS dup	4/1/2023	Organic	Phenol-d5	n/a	=	13.4	µg/L	EPA 625.1	-88	-88			
2022/23-4	Lab	srgt LCS dup, rec	4/1/2023	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2022/23-4	Lab	srgt method blank	4/1/2023	Organic	Phenol-d5	n/a	=	13.7	µg/L	EPA 625.1	-88	-88			
2022/23-4	Lab	srgt method blank, rec	4/1/2023	Organic	Phenol-d5	n/a	=	34	%	EPA 625.1	-88	-88	12	120	
2022/23-4	ME-CC	srgt environ	3/13/2023	Organic	Phenol-d5	n/a	=	12.8	µg/L	EPA 8270C	-88	-88			
2022/23-4	ME-CC	srgt environ, rec	3/13/2023	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2022/23-4	ME-CC	srgt environ	4/1/2023	Organic	Phenol-d5	n/a	=	11.9	µg/L	EPA 625.1	-88	-88			
2022/23-4	ME-CC	srgt environ, rec	4/1/2023	Organic	Phenol-d5	n/a	=	29	%	EPA 625.1	-88	-88	12	120	
2022/23-4	ME-SCR	srgt environ	3/14/2023	Organic	Phenol-d5	n/a	=	15.2	µg/L	EPA 8270C	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	3/14/2023	Organic	Phenol-d5	n/a	=	35	%	EPA 8270C	-88	-88	5	46	
2022/23-4	ME-SCR	srgt environ	4/1/2023	Organic	Phenol-d5	n/a	=	14	µg/L	EPA 625.1	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	4/1/2023	Organic	Phenol-d5	n/a	=	32	%	EPA 625.1	-88	-88	12	120	
2022/23-4	ME-VR2	srgt environ	3/14/2023	Organic	Phenol-d5	n/a	=	17	µg/L	EPA 8270C	-88	-88			
2022/23-4	ME-VR2	srgt environ, rec	3/14/2023	Organic	Phenol-d5	n/a	=	37	%	EPA 8270C	-88	-88	5	46	
2022/23-4	ME-VR2	srgt environ	4/1/2023	Organic	Phenol-d5	n/a	=	16.3	µg/L	EPA 625.1	-88	-88			
2022/23-4	ME-VR2	srgt environ, rec	4/1/2023	Organic	Phenol-d5	n/a	=	36	%	EPA 625.1	-88	-88	12	120	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	MO-CAM	srgt environ	3/14/2023	Organic	Phenol-d5	n/a	=	11.3	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-CAM	srgt environ, rec	3/14/2023	Organic	Phenol-d5	n/a	=	27	%	EPA 8270C	-88	-88	5	46	
2022/23-4	MO-CAM	srgt environ	4/1/2023	Organic	Phenol-d5	n/a	=	12.1	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-CAM	srgt environ, rec	4/1/2023	Organic	Phenol-d5	n/a	=	29	%	EPA 625.1	-88	-88	12	120	
2022/23-4	MO-FIL	srgt environ	3/14/2023	Organic	Phenol-d5	n/a	=	11.8	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-FIL	srgt environ, rec	3/14/2023	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2022/23-4	MO-FIL	srgt environ	4/1/2023	Organic	Phenol-d5	n/a	=	10.8	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-FIL	srgt environ, rec	4/1/2023	Organic	Phenol-d5	n/a	=	26	%	EPA 625.1	-88	-88	12	120	
2022/23-4	MO-HUE	srgt environ	3/14/2023	Organic	Phenol-d5	n/a	=	10.8	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-HUE	srgt environ, rec	3/14/2023	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	
2022/23-4	MO-HUE	srgt environ	4/1/2023	Organic	Phenol-d5	n/a	=	11.2	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-HUE	srgt environ, rec	4/1/2023	Organic	Phenol-d5	n/a	=	27	%	EPA 625.1	-88	-88	12	120	
2022/23-4	MO-MEI	srgt environ	3/14/2023	Organic	Phenol-d5	n/a	=	11.7	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-MEI	srgt environ, rec	3/14/2023	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2022/23-4	MO-MEI	srgt environ	4/1/2023	Organic	Phenol-d5	n/a	=	10.4	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-MEI	srgt environ, rec	4/1/2023	Organic	Phenol-d5	n/a	=	25	%	EPA 625.1	-88	-88	12	120	
2022/23-4	MO-MPK	srgt environ	3/14/2023	Organic	Phenol-d5	n/a	=	11.8	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-MPK	srgt environ, rec	3/14/2023	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2022/23-4	MO-MPK	srgt environ	4/1/2023	Organic	Phenol-d5	n/a	=	11.8	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-MPK	srgt environ, rec	4/1/2023	Organic	Phenol-d5	n/a	=	29	%	EPA 625.1	-88	-88	12	120	
2022/23-4	MO-OJA	srgt environ	3/14/2023	Organic	Phenol-d5	n/a	=	12.4	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-OJA	srgt environ, rec	3/14/2023	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2022/23-4	MO-OJA	srgt environ	4/1/2023	Organic	Phenol-d5	n/a	=	13.6	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-OJA	srgt environ, rec	4/1/2023	Organic	Phenol-d5	n/a	=	32	%	EPA 625.1	-88	-88	12	120	
2022/23-4	MO-OXN	srgt environ	3/14/2023	Organic	Phenol-d5	n/a	=	12.6	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-OXN	srgt environ, rec	3/14/2023	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2022/23-4	MO-OXN	srgt environ	4/1/2023	Organic	Phenol-d5	n/a	=	12.2	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-OXN	srgt environ, rec	4/1/2023	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2022/23-4	MO-SIM	srgt environ	3/14/2023	Organic	Phenol-d5	n/a	=	13.6	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-SIM	srgt environ, rec	3/14/2023	Organic	Phenol-d5	n/a	=	33	%	EPA 8270C	-88	-88	5	46	
2022/23-4	MO-SIM	srgt environ	4/1/2023	Organic	Phenol-d5	n/a	=	12.8	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-SIM	srgt environ, rec	4/1/2023	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2022/23-4	MO-SPA	srgt environ	3/14/2023	Organic	Phenol-d5	n/a	=	11.4	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-SPA	srgt environ, rec	3/14/2023	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2022/23-4	MO-SPA	srgt environ	4/1/2023	Organic	Phenol-d5	n/a	=	12.4	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-SPA	srgt environ, rec	4/1/2023	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2022/23-4	MO-THO	srgt environ	3/14/2023	Organic	Phenol-d5	n/a	=	11	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-THO	srgt environ, rec	3/14/2023	Organic	Phenol-d5	n/a	=	27	%	EPA 8270C	-88	-88	5	46	
2022/23-4	MO-THO	srgt environ	4/1/2023	Organic	Phenol-d5	n/a	=	11.6	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-THO	srgt environ, rec	4/1/2023	Organic	Phenol-d5	n/a	=	28	%	EPA 625.1	-88	-88	12	120	
2022/23-4	MO-VEN	srgt environ	3/14/2023	Organic	Phenol-d5	n/a	=	9.7	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-VEN	srgt environ, rec	3/14/2023	Organic	Phenol-d5	n/a	=	24	%	EPA 8270C	-88	-88	5	46	
2022/23-4	MO-VEN	srgt environ	4/1/2023	Organic	Phenol-d5	n/a	=	9.74	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-VEN	srgt environ, rec	4/1/2023	Organic	Phenol-d5	n/a	=	24	%	EPA 625.1	-88	-88	12	120	
2022/23-4	Lab	srgt method blank	3/30/2023	Organic	p-Terphenyl-d14	n/a	=	21.7	µg/L	EPA 8270C	-88	-88			
2022/23-4	Lab	srgt method blank, rec	3/30/2023	Organic	p-Terphenyl-d14	n/a	=	108	%	EPA 8270C	-88	-88	19	134	
2022/23-4	Lab	srgt LCS	3/30/2023	Organic	p-Terphenyl-d14	n/a	=	4.71	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	srgt LCS, rec	3/30/2023	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 8270C	-88	-88	19	134	
2022/23-4	Lab	srgt LCS dup	3/30/2023	Organic	p-Terphenyl-d14	n/a	=	4.82	µg/L	EPA 8270C	-88	-88			
2022/23-4	Lab	srgt LCS dup, rec	3/30/2023	Organic	p-Terphenyl-d14	n/a	=	96	%	EPA 8270C	-88	-88	19	134	
2022/23-4	Lab	srgt LCS	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	18.7	µg/L	EPA 625.1	-88	-88			
2022/23-4	Lab	srgt LCS, rec	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 625.1	-88	-88	44	129	
2022/23-4	Lab	srgt LCS dup	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	19.9	µg/L	EPA 625.1	-88	-88			
2022/23-4	Lab	srgt LCS dup, rec	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 625.1	-88	-88	44	129	
2022/23-4	Lab	srgt method blank	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	19.1	µg/L	EPA 625.1	-88	-88			
2022/23-4	Lab	srgt method blank, rec	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	96	%	EPA 625.1	-88	-88	44	129	
2022/23-4	ME-CC	srgt environ	3/30/2023	Organic	p-Terphenyl-d14	n/a	=	18.2	µg/L	EPA 8270C	-88	-88			
2022/23-4	ME-CC	srgt environ, rec	3/30/2023	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 8270C	-88	-88	19	134	
2022/23-4	ME-CC	srgt environ	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	15.2	µg/L	EPA 625.1	-88	-88			
2022/23-4	ME-CC	srgt environ, rec	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 625.1	-88	-88	44	129	
2022/23-4	ME-SCR	srgt environ	3/30/2023	Organic	p-Terphenyl-d14	n/a	=	22.5	µg/L	EPA 8270C	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	3/30/2023	Organic	p-Terphenyl-d14	n/a	=	102	%	EPA 8270C	-88	-88	19	134	
2022/23-4	ME-SCR	srgt environ	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	19.4	µg/L	EPA 625.1	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 625.1	-88	-88	44	129	
2022/23-4	ME-VR2	srgt environ	3/30/2023	Organic	p-Terphenyl-d14	n/a	=	23.4	µg/L	EPA 8270C	-88	-88			
2022/23-4	ME-VR2	srgt environ, rec	3/30/2023	Organic	p-Terphenyl-d14	n/a	=	103	%	EPA 8270C	-88	-88	19	134	
2022/23-4	ME-VR2	srgt environ	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	20.7	µg/L	EPA 625.1	-88	-88			
2022/23-4	ME-VR2	srgt environ, rec	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 625.1	-88	-88	44	129	
2022/23-4	MO-CAM	srgt environ	3/30/2023	Organic	p-Terphenyl-d14	n/a	=	20.6	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-CAM	srgt environ, rec	3/30/2023	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 8270C	-88	-88	19	134	
2022/23-4	MO-CAM	srgt environ	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	18.4	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-CAM	srgt environ, rec	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 625.1	-88	-88	44	129	
2022/23-4	MO-FIL	srgt environ	3/31/2023	Organic	p-Terphenyl-d14	n/a	=	20	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-FIL	srgt environ, rec	3/31/2023	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 8270C	-88	-88	19	134	
2022/23-4	MO-FIL	srgt environ	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	18.8	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-FIL	srgt environ, rec	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 625.1	-88	-88	44	129	
2022/23-4	MO-HUE	srgt environ	3/31/2023	Organic	p-Terphenyl-d14	n/a	=	18.9	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-HUE	srgt environ, rec	3/31/2023	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 8270C	-88	-88	19	134	
2022/23-4	MO-HUE	srgt environ	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	14.8	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-HUE	srgt environ, rec	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 625.1	-88	-88	44	129	
2022/23-4	MO-MEI	srgt environ	3/31/2023	Organic	p-Terphenyl-d14	n/a	=	18.6	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-MEI	srgt environ, rec	3/31/2023	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 8270C	-88	-88	19	134	
2022/23-4	MO-MEI	srgt environ	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	14.8	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-MEI	srgt environ, rec	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 625.1	-88	-88	44	129	
2022/23-4	MO-MPK	srgt environ	3/31/2023	Organic	p-Terphenyl-d14	n/a	=	17.5	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-MPK	srgt environ, rec	3/31/2023	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 8270C	-88	-88	19	134	
2022/23-4	MO-MPK	srgt environ	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	17.5	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-MPK	srgt environ, rec	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 625.1	-88	-88	44	129	
2022/23-4	MO-OJA	srgt environ	3/31/2023	Organic	p-Terphenyl-d14	n/a	=	18.2	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-OJA	srgt environ, rec	3/31/2023	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 8270C	-88	-88	19	134	
2022/23-4	MO-OJA	srgt environ	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	14.7	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-OJA	srgt environ, rec	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 625.1	-88	-88	44	129	
2022/23-4	MO-OXN	srgt environ	3/31/2023	Organic	p-Terphenyl-d14	n/a	=	20.5	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-OXN	srgt environ, rec	3/31/2023	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 8270C	-88	-88	19	134	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	MO-OXN	srgt environ	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	16.6	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-OXN	srgt environ, rec	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 625.1	-88	-88	44	129	
2022/23-4	MO-SIM	srgt environ	3/31/2023	Organic	p-Terphenyl-d14	n/a	=	21.7	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-SIM	srgt environ, rec	3/31/2023	Organic	p-Terphenyl-d14	n/a	=	105	%	EPA 8270C	-88	-88	19	134	
2022/23-4	MO-SIM	srgt environ	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	20.6	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-SIM	srgt environ, rec	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 625.1	-88	-88	44	129	
2022/23-4	MO-SPA	srgt environ	3/31/2023	Organic	p-Terphenyl-d14	n/a	=	19.9	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-SPA	srgt environ, rec	3/31/2023	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 8270C	-88	-88	19	134	
2022/23-4	MO-SPA	srgt environ	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	17.3	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-SPA	srgt environ, rec	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 625.1	-88	-88	44	129	
2022/23-4	MO-THO	srgt environ	3/31/2023	Organic	p-Terphenyl-d14	n/a	=	20.8	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-THO	srgt environ, rec	3/31/2023	Organic	p-Terphenyl-d14	n/a	=	102	%	EPA 8270C	-88	-88	19	134	
2022/23-4	MO-THO	srgt environ	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	18.3	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-THO	srgt environ, rec	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 625.1	-88	-88	44	129	
2022/23-4	MO-VEN	srgt environ	3/31/2023	Organic	p-Terphenyl-d14	n/a	=	17.9	µg/L	EPA 8270C	-88	-88			
2022/23-4	MO-VEN	srgt environ, rec	3/31/2023	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 8270C	-88	-88	19	134	
2022/23-4	MO-VEN	srgt environ	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	14.2	µg/L	EPA 625.1	-88	-88			
2022/23-4	MO-VEN	srgt environ, rec	4/1/2023	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 625.1	-88	-88	44	129	
2022/23-4	Lab	method blank	3/30/2023	Organic	Pyrene	n/a	DNQ	0.0509	µg/L	EPA 8270C	0.04	0.1			IP
2022/23-4	Lab	LCS	3/30/2023	Organic	Pyrene	n/a	=	0.361	µg/L	EPA 8270C	0.04	0.1			
2022/23-4	Lab	LCS, rec	3/30/2023	Organic	Pyrene	n/a	=	36	%	EPA 8270C	-88	-88	26	128	
2022/23-4	Lab	LCS dup	3/30/2023	Organic	Pyrene	n/a	=	0.373	µg/L	EPA 8270C	0.04	0.1			
2022/23-4	Lab	LCS dup, rec	3/30/2023	Organic	Pyrene	n/a	=	37	%	EPA 8270C	-88	-88	26	128	
2022/23-4	Lab	LCS, RPD	3/30/2023	Organic	Pyrene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	LCS	4/1/2023	Organic	Pyrene	n/a	=	18.6	µg/L	EPA 625.1	0.25	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Organic	Pyrene	n/a	=	93	%	EPA 625.1	-88	-88	70	120	
2022/23-4	Lab	LCS dup	4/1/2023	Organic	Pyrene	n/a	=	19.9	µg/L	EPA 625.1	0.25	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Organic	Pyrene	n/a	=	100	%	EPA 625.1	-88	-88	70	120	
2022/23-4	Lab	LCS, RPD	4/1/2023	Organic	Pyrene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-4	Lab	srgt method blank	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0587	µg/L	EPA 608.3	-88	-88			
2022/23-4	Lab	srgt method blank, rec	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	59	%	EPA 608.3	-88	-88	32	130	
2022/23-4	Lab	srgt LCS	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0638	µg/L	EPA 608.3	-88	-88			
2022/23-4	Lab	srgt LCS, rec	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	64	%	EPA 608.3	-88	-88	32	130	
2022/23-4	Lab	srgt LCS dup	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0536	µg/L	EPA 608.3	-88	-88			
2022/23-4	Lab	srgt LCS dup, rec	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	54	%	EPA 608.3	-88	-88	32	130	
2022/23-4	ME-CC	srgt environ	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0439	µg/L	EPA 608.3	-88	-88			
2022/23-4	ME-CC	srgt environ, rec	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	43	%	EPA 608.3	-88	-88	32	130	
2022/23-4	ME-SCR	srgt environ	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0358	µg/L	EPA 608.3	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	35	%	EPA 608.3	-88	-88	32	130	
2022/23-4	ME-VR2	srgt environ	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0522	µg/L	EPA 608.3	-88	-88			
2022/23-4	ME-VR2	srgt environ, rec	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	51	%	EPA 608.3	-88	-88	32	130	
2022/23-4	MO-CAM	srgt environ	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0424	µg/L	EPA 608.3	-88	-88			
2022/23-4	MO-CAM	srgt environ, rec	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	42	%	EPA 608.3	-88	-88	32	130	
2022/23-4	MO-FIL	srgt environ	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0546	µg/L	EPA 608.3	-88	-88			
2022/23-4	MO-FIL	srgt environ, rec	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	54	%	EPA 608.3	-88	-88	32	130	
2022/23-4	MO-HUE	srgt environ	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0541	µg/L	EPA 608.3	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	MO-HUE	srgt environ, rec	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 608.3	-88	-88	32	130	
2022/23-4	MO-MEI	srgt environ	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0523	µg/L	EPA 608.3	-88	-88			
2022/23-4	MO-MEI	srgt environ, rec	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	51	%	EPA 608.3	-88	-88	32	130	
2022/23-4	MO-MPK	srgt environ	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0575	µg/L	EPA 608.3	-88	-88			
2022/23-4	MO-MPK	srgt environ, rec	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	54	%	EPA 608.3	-88	-88	32	130	
2022/23-4	MO-OJA	srgt environ	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0552	µg/L	EPA 608.3	-88	-88			
2022/23-4	MO-OJA	srgt environ, rec	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	54	%	EPA 608.3	-88	-88	32	130	
2022/23-4	MO-OXN	srgt environ	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0526	µg/L	EPA 608.3	-88	-88			
2022/23-4	MO-OXN	srgt environ, rec	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	51	%	EPA 608.3	-88	-88	32	130	
2022/23-4	MO-SIM	srgt environ	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0543	µg/L	EPA 608.3	-88	-88			
2022/23-4	MO-SIM	srgt environ, rec	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 608.3	-88	-88	32	130	
2022/23-4	MO-SPA	srgt environ	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0564	µg/L	EPA 608.3	-88	-88			
2022/23-4	MO-SPA	srgt environ, rec	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	55	%	EPA 608.3	-88	-88	32	130	
2022/23-4	MO-THO	srgt environ	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.045	µg/L	EPA 608.3	-88	-88			
2022/23-4	MO-THO	srgt environ, rec	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	43	%	EPA 608.3	-88	-88	32	130	
2022/23-4	MO-VEN	srgt environ	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0514	µg/L	EPA 608.3	-88	-88			
2022/23-4	MO-VEN	srgt environ, rec	3/16/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	49	%	EPA 608.3	-88	-88	32	130	
2022/23-4	Lab	srgt LCS	3/1/2023	Organic	Toluene-d8	n/a	=	53	µg/L	EPA 624.1	-88	-88			
2022/23-4	Lab	srgt LCS, rec	3/1/2023	Organic	Toluene-d8	n/a	=	106	%	EPA 624.1	-88	-88	92	112	
2022/23-4	Lab	srgt LCS dup	3/1/2023	Organic	Toluene-d8	n/a	=	53.3	µg/L	EPA 624.1	-88	-88			
2022/23-4	Lab	srgt LCS dup, rec	3/1/2023	Organic	Toluene-d8	n/a	=	107	%	EPA 624.1	-88	-88	92	112	
2022/23-4	Lab	srgt method blank	3/1/2023	Organic	Toluene-d8	n/a	=	50.5	µg/L	EPA 624.1	-88	-88			
2022/23-4	Lab	srgt method blank, rec	3/1/2023	Organic	Toluene-d8	n/a	=	101	%	EPA 624.1	-88	-88	92	112	
2022/23-4	ME-SCR	srgt environ	3/1/2023	Organic	Toluene-d8	n/a	=	51.6	µg/L	EPA 624.1	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	3/1/2023	Organic	Toluene-d8	n/a	=	103	%	EPA 624.1	-88	-88	92	112	
2022/23-4	000NONPJ	srgt matrix spike	3/10/2023	Organic	Triphenylphosphate	n/a	=	0.602	µg/L	EPA 625.1m	-88	-88			
2022/23-4	000NONPJ	srgt matrix spike, rec	3/10/2023	Organic	Triphenylphosphate	n/a	=	120	%	EPA 625.1m	-88	-88	40	200	
2022/23-4	000NONPJ	srgt matrix spike dup	3/10/2023	Organic	Triphenylphosphate	n/a	=	0.677	µg/L	EPA 625.1m	-88	-88			
2022/23-4	000NONPJ	srgt matrix spike dup, rec	3/10/2023	Organic	Triphenylphosphate	n/a	=	135	%	EPA 625.1m	-88	-88	40	200	
2022/23-4	Lab	srgt LCS	3/10/2023	Organic	Triphenylphosphate	n/a	=	0.501	µg/L	EPA 625.1m	-88	-88			
2022/23-4	Lab	srgt LCS, rec	3/10/2023	Organic	Triphenylphosphate	n/a	=	100	%	EPA 625.1m	-88	-88	40	200	
2022/23-4	Lab	srgt method blank	3/10/2023	Organic	Triphenylphosphate	n/a	=	0.495	µg/L	EPA 625.1m	-88	-88			
2022/23-4	Lab	srgt method blank, rec	3/10/2023	Organic	Triphenylphosphate	n/a	=	99	%	EPA 625.1m	-88	-88	40	200	
2022/23-4	Lab	srgt LCS	3/14/2023	Organic	Triphenylphosphate	n/a	=	0.505	µg/L	EPA 625.1m	-88	-88			
2022/23-4	Lab	srgt LCS, rec	3/14/2023	Organic	Triphenylphosphate	n/a	=	101	%	EPA 625.1m	-88	-88	40	200	
2022/23-4	Lab	srgt method blank	3/14/2023	Organic	Triphenylphosphate	n/a	=	0.444	µg/L	EPA 625.1m	-88	-88			
2022/23-4	Lab	srgt method blank, rec	3/14/2023	Organic	Triphenylphosphate	n/a	=	89	%	EPA 625.1m	-88	-88	40	200	
2022/23-4	Lab	srgt method blank	3/14/2023	Organic	Triphenylphosphate	n/a	=	4.43	µg/L	EPA 525.2	-88	-88			
2022/23-4	Lab	srgt method blank, rec	3/14/2023	Organic	Triphenylphosphate	n/a	=	89	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	srgt LCS	3/14/2023	Organic	Triphenylphosphate	n/a	=	5.71	µg/L	EPA 525.2	-88	-88			
2022/23-4	Lab	srgt LCS, rec	3/14/2023	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	srgt LCS dup	3/14/2023	Organic	Triphenylphosphate	n/a	=	6.3	µg/L	EPA 525.2	-88	-88			
2022/23-4	Lab	srgt LCS dup, rec	3/14/2023	Organic	Triphenylphosphate	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2022/23-4	ME-CC	srgt environ	3/14/2023	Organic	Triphenylphosphate	n/a	=	0.904	µg/L	EPA 625.1m	-88	-88			
2022/23-4	ME-CC	srgt environ, rec	3/14/2023	Organic	Triphenylphosphate	n/a	=	176	%	EPA 625.1m	-88	-88	40	200	
2022/23-4	ME-CC	srgt environ	3/14/2023	Organic	Triphenylphosphate	n/a	=	26	µg/L	EPA 525.2	-88	-88			
2022/23-4	ME-CC	srgt environ, rec	3/14/2023	Organic	Triphenylphosphate	n/a	=	104	%	EPA 525.2	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	ME-SCR	srgt environ	3/10/2023	Organic	Triphenylphosphate	n/a	=	0.682	µg/L	EPA 625.1m	-88	-88			
2022/23-4	ME-SCR	srgt environ, rec	3/10/2023	Organic	Triphenylphosphate	n/a	=	134	%	EPA 625.1m	-88	-88	40	200	
2022/23-4	ME-SCR	srgt environ	3/14/2023	Organic	Triphenylphosphate	n/a	=	14.2	µg/L	EPA 525.2	-88	-88			GN
2022/23-4	ME-SCR	srgt environ, rec	3/14/2023	Organic	Triphenylphosphate	n/a	=	142	%	EPA 525.2	-88	-88	70	130	GN
2022/23-4	ME-VR2	srgt environ	3/14/2023	Organic	Triphenylphosphate	n/a	=	0.733	µg/L	EPA 625.1m	-88	-88			
2022/23-4	ME-VR2	srgt environ, rec	3/14/2023	Organic	Triphenylphosphate	n/a	=	139	%	EPA 625.1m	-88	-88	40	200	
2022/23-4	ME-VR2	srgt environ	3/14/2023	Organic	Triphenylphosphate	n/a	=	14.2	µg/L	EPA 525.2	-88	-88			GN
2022/23-4	ME-VR2	srgt environ, rec	3/14/2023	Organic	Triphenylphosphate	n/a	=	142	%	EPA 525.2	-88	-88	70	130	GN
2022/23-4	MO-CAM	srgt environ	3/14/2023	Organic	Triphenylphosphate	n/a	=	0.582	µg/L	EPA 625.1m	-88	-88			
2022/23-4	MO-CAM	srgt environ, rec	3/14/2023	Organic	Triphenylphosphate	n/a	=	116	%	EPA 625.1m	-88	-88	40	200	
2022/23-4	MO-CAM	srgt environ	3/14/2023	Organic	Triphenylphosphate	n/a	=	15.6	µg/L	EPA 525.2	-88	-88			GN
2022/23-4	MO-CAM	srgt environ, rec	3/14/2023	Organic	Triphenylphosphate	n/a	=	156	%	EPA 525.2	-88	-88	70	130	GN
2022/23-4	MO-FIL	srgt environ	3/11/2023	Organic	Triphenylphosphate	n/a	=	0.626	µg/L	EPA 625.1m	-88	-88			
2022/23-4	MO-FIL	srgt environ, rec	3/11/2023	Organic	Triphenylphosphate	n/a	=	125	%	EPA 625.1m	-88	-88	40	200	
2022/23-4	MO-FIL	srgt environ	3/14/2023	Organic	Triphenylphosphate	n/a	=	33.4	µg/L	EPA 525.2	-88	-88			GN
2022/23-4	MO-FIL	srgt environ, rec	3/14/2023	Organic	Triphenylphosphate	n/a	=	134	%	EPA 525.2	-88	-88	70	130	GN
2022/23-4	MO-HUE	srgt environ	3/11/2023	Organic	Triphenylphosphate	n/a	=	0.55	µg/L	EPA 625.1m	-88	-88			
2022/23-4	MO-HUE	srgt environ, rec	3/11/2023	Organic	Triphenylphosphate	n/a	=	107	%	EPA 625.1m	-88	-88	40	200	
2022/23-4	MO-HUE	srgt environ	3/14/2023	Organic	Triphenylphosphate	n/a	=	33.8	µg/L	EPA 525.2	-88	-88			GN
2022/23-4	MO-HUE	srgt environ, rec	3/14/2023	Organic	Triphenylphosphate	n/a	=	135	%	EPA 525.2	-88	-88	70	130	GN
2022/23-4	MO-MEI	srgt environ	3/10/2023	Organic	Triphenylphosphate	n/a	=	0.637	µg/L	EPA 625.1m	-88	-88			
2022/23-4	MO-MEI	srgt environ, rec	3/10/2023	Organic	Triphenylphosphate	n/a	=	126	%	EPA 625.1m	-88	-88	40	200	
2022/23-4	MO-MEI	srgt environ	3/14/2023	Organic	Triphenylphosphate	n/a	=	32.5	µg/L	EPA 525.2	-88	-88			GN
2022/23-4	MO-MEI	srgt environ, rec	3/14/2023	Organic	Triphenylphosphate	n/a	=	130	%	EPA 525.2	-88	-88	70	130	GN
2022/23-4	MO-MPK	srgt environ	3/11/2023	Organic	Triphenylphosphate	n/a	=	0.736	µg/L	EPA 625.1m	-88	-88			
2022/23-4	MO-MPK	srgt environ, rec	3/11/2023	Organic	Triphenylphosphate	n/a	=	145	%	EPA 625.1m	-88	-88	40	200	
2022/23-4	MO-MPK	srgt environ	3/14/2023	Organic	Triphenylphosphate	n/a	=	29.4	µg/L	EPA 525.2	-88	-88			GN
2022/23-4	MO-MPK	srgt environ, rec	3/14/2023	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	GN
2022/23-4	MO-OJA	srgt environ	3/10/2023	Organic	Triphenylphosphate	n/a	=	0.745	µg/L	EPA 625.1m	-88	-88			
2022/23-4	MO-OJA	srgt environ, rec	3/10/2023	Organic	Triphenylphosphate	n/a	=	146	%	EPA 625.1m	-88	-88	40	200	
2022/23-4	MO-OJA	srgt environ	3/14/2023	Organic	Triphenylphosphate	n/a	=	14.7	µg/L	EPA 525.2	-88	-88			GN
2022/23-4	MO-OJA	srgt environ, rec	3/14/2023	Organic	Triphenylphosphate	n/a	=	147	%	EPA 525.2	-88	-88	70	130	GN
2022/23-4	MO-oxn	srgt environ	3/11/2023	Organic	Triphenylphosphate	n/a	=	0.689	µg/L	EPA 625.1m	-88	-88			
2022/23-4	MO-oxn	srgt environ, rec	3/11/2023	Organic	Triphenylphosphate	n/a	=	129	%	EPA 625.1m	-88	-88	40	200	
2022/23-4	MO-oxn	srgt environ	3/14/2023	Organic	Triphenylphosphate	n/a	=	33.5	µg/L	EPA 525.2	-88	-88			GN
2022/23-4	MO-oxn	srgt environ, rec	3/14/2023	Organic	Triphenylphosphate	n/a	=	134	%	EPA 525.2	-88	-88	70	130	GN
2022/23-4	MO-SIM	srgt environ	3/11/2023	Organic	Triphenylphosphate	n/a	=	0.598	µg/L	EPA 625.1m	-88	-88			
2022/23-4	MO-SIM	srgt environ, rec	3/11/2023	Organic	Triphenylphosphate	n/a	=	119	%	EPA 625.1m	-88	-88	40	200	
2022/23-4	MO-SIM	srgt environ	3/14/2023	Organic	Triphenylphosphate	n/a	=	33.5	µg/L	EPA 525.2	-88	-88			GN
2022/23-4	MO-SIM	srgt environ, rec	3/14/2023	Organic	Triphenylphosphate	n/a	=	134	%	EPA 525.2	-88	-88	70	130	GN
2022/23-4	MO-SPA	srgt environ	3/10/2023	Organic	Triphenylphosphate	n/a	=	0.653	µg/L	EPA 625.1m	-88	-88			
2022/23-4	MO-SPA	srgt environ, rec	3/10/2023	Organic	Triphenylphosphate	n/a	=	125	%	EPA 625.1m	-88	-88	40	200	
2022/23-4	MO-SPA	srgt environ	3/14/2023	Organic	Triphenylphosphate	n/a	=	36.5	µg/L	EPA 525.2	-88	-88			GN
2022/23-4	MO-SPA	srgt environ, rec	3/14/2023	Organic	Triphenylphosphate	n/a	=	146	%	EPA 525.2	-88	-88	70	130	GN
2022/23-4	MO-THO	srgt environ	3/11/2023	Organic	Triphenylphosphate	n/a	=	0.588	µg/L	EPA 625.1m	-88	-88			
2022/23-4	MO-THO	srgt environ, rec	3/11/2023	Organic	Triphenylphosphate	n/a	=	112	%	EPA 625.1m	-88	-88	40	200	
2022/23-4	MO-THO	srgt environ	3/14/2023	Organic	Triphenylphosphate	n/a	=	32.5	µg/L	EPA 525.2	-88	-88			GN

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	MO-THO	srgt environ, rec	3/14/2023	Organic	Triphenylphosphate	n/a	=	130	%	EPA 525.2	-88	-88	70	130	
2022/23-4	MO-VEN	srgt environ	3/10/2023	Organic	Triphenylphosphate	n/a	=	0.691	µg/L	EPA 625.1m	-88	-88			
2022/23-4	MO-VEN	srgt environ, rec	3/10/2023	Organic	Triphenylphosphate	n/a	=	134	%	EPA 625.1m	-88	-88	40	200	
2022/23-4	MO-VEN	srgt environ	3/14/2023	Organic	Triphenylphosphate	n/a	=	35.2	µg/L	EPA 525.2	-88	-88			GN
2022/23-4	MO-VEN	srgt environ, rec	3/14/2023	Organic	Triphenylphosphate	n/a	=	141	%	EPA 525.2	-88	-88	70	130	GN
2022/23-4	Lab	srgt method blank	3/16/2023	PCB	PCB 209	n/a	=	0.0741	µg/L	EPA 608.3	-88	-88			
2022/23-4	Lab	srgt method blank, rec	3/16/2023	PCB	PCB 209	n/a	=	74	%	EPA 608.3	-88	-88	33	133	
2022/23-4	Lab	srgt LCS	3/16/2023	PCB	PCB 209	n/a	=	0.0708	µg/L	EPA 608.3	-88	-88			
2022/23-4	Lab	srgt LCS, rec	3/16/2023	PCB	PCB 209	n/a	=	71	%	EPA 608.3	-88	-88	33	133	
2022/23-4	Lab	srgt LCS dup	3/16/2023	PCB	PCB 209	n/a	=	0.0654	µg/L	EPA 608.3	-88	-88			
2022/23-4	Lab	srgt LCS dup, rec	3/16/2023	PCB	PCB 209	n/a	=	65	%	EPA 608.3	-88	-88	33	133	
2022/23-4	ME-CC	srgt environ	3/16/2023	PCB	PCB 209	n/a	=	0.0324	µg/L	EPA 608.3	-88	-88			GN
2022/23-4	ME-CC	srgt environ, rec	3/16/2023	PCB	PCB 209	n/a	=	32	%	EPA 608.3	-88	-88	33	133	GN
2022/23-4	ME-SCR	srgt environ	3/16/2023	PCB	PCB 209	n/a	=	0.0209	µg/L	EPA 608.3	-88	-88			GN
2022/23-4	ME-SCR	srgt environ, rec	3/16/2023	PCB	PCB 209	n/a	=	20	%	EPA 608.3	-88	-88	33	133	GN
2022/23-4	ME-VR2	srgt environ	3/16/2023	PCB	PCB 209	n/a	=	0.0216	µg/L	EPA 608.3	-88	-88			GN
2022/23-4	ME-VR2	srgt environ, rec	3/16/2023	PCB	PCB 209	n/a	=	21	%	EPA 608.3	-88	-88	33	133	GN
2022/23-4	MO-CAM	srgt environ	3/16/2023	PCB	PCB 209	n/a	=	0.0363	µg/L	EPA 608.3	-88	-88			
2022/23-4	MO-CAM	srgt environ, rec	3/16/2023	PCB	PCB 209	n/a	=	36	%	EPA 608.3	-88	-88	33	133	
2022/23-4	MO-FIL	srgt environ	3/16/2023	PCB	PCB 209	n/a	=	0.0503	µg/L	EPA 608.3	-88	-88			
2022/23-4	MO-FIL	srgt environ, rec	3/16/2023	PCB	PCB 209	n/a	=	50	%	EPA 608.3	-88	-88	33	133	
2022/23-4	MO-HUE	srgt environ	3/16/2023	PCB	PCB 209	n/a	=	0.0526	µg/L	EPA 608.3	-88	-88			
2022/23-4	MO-HUE	srgt environ, rec	3/16/2023	PCB	PCB 209	n/a	=	50	%	EPA 608.3	-88	-88	33	133	
2022/23-4	MO-MEI	srgt environ	3/16/2023	PCB	PCB 209	n/a	=	0.0483	µg/L	EPA 608.3	-88	-88			
2022/23-4	MO-MEI	srgt environ, rec	3/16/2023	PCB	PCB 209	n/a	=	47	%	EPA 608.3	-88	-88	33	133	
2022/23-4	MO-MPK	srgt environ	3/16/2023	PCB	PCB 209	n/a	=	0.0313	µg/L	EPA 608.3	-88	-88			GN
2022/23-4	MO-MPK	srgt environ, rec	3/16/2023	PCB	PCB 209	n/a	=	30	%	EPA 608.3	-88	-88	33	133	GN
2022/23-4	MO-OJA	srgt environ	3/16/2023	PCB	PCB 209	n/a	=	0.0385	µg/L	EPA 608.3	-88	-88			
2022/23-4	MO-OJA	srgt environ, rec	3/16/2023	PCB	PCB 209	n/a	=	37	%	EPA 608.3	-88	-88	33	133	
2022/23-4	MO-OXN	srgt environ	3/16/2023	PCB	PCB 209	n/a	=	0.037	µg/L	EPA 608.3	-88	-88			
2022/23-4	MO-OXN	srgt environ, rec	3/16/2023	PCB	PCB 209	n/a	=	36	%	EPA 608.3	-88	-88	33	133	
2022/23-4	MO-SIM	srgt environ	3/16/2023	PCB	PCB 209	n/a	=	0.033	µg/L	EPA 608.3	-88	-88			GN
2022/23-4	MO-SIM	srgt environ, rec	3/16/2023	PCB	PCB 209	n/a	=	32	%	EPA 608.3	-88	-88	33	133	GN
2022/23-4	MO-SPA	srgt environ	3/16/2023	PCB	PCB 209	n/a	=	0.0359	µg/L	EPA 608.3	-88	-88			
2022/23-4	MO-SPA	srgt environ, rec	3/16/2023	PCB	PCB 209	n/a	=	35	%	EPA 608.3	-88	-88	33	133	
2022/23-4	MO-THO	srgt environ	3/16/2023	PCB	PCB 209	n/a	=	0.0469	µg/L	EPA 608.3	-88	-88			
2022/23-4	MO-THO	srgt environ, rec	3/16/2023	PCB	PCB 209	n/a	=	45	%	EPA 608.3	-88	-88	33	133	
2022/23-4	MO-VEN	srgt environ	3/16/2023	PCB	PCB 209	n/a	=	0.0255	µg/L	EPA 608.3	-88	-88			GN
2022/23-4	MO-VEN	srgt environ, rec	3/16/2023	PCB	PCB 209	n/a	=	24	%	EPA 608.3	-88	-88	33	133	GN
2022/23-4	Lab	method blank	3/16/2023	PCB	PCB Aroclor 1016	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.5			
2022/23-4	Lab	method blank	3/16/2023	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2022/23-4	Lab	method blank	3/16/2023	PCB	PCB Aroclor 1232	n/a	<	0.083	µg/L	EPA 608.3	0.083	0.5			
2022/23-4	Lab	method blank	3/16/2023	PCB	PCB Aroclor 1242	n/a	<	0.095	µg/L	EPA 608.3	0.095	0.5			
2022/23-4	Lab	method blank	3/16/2023	PCB	PCB Aroclor 1248	n/a	<	0.083	µg/L	EPA 608.3	0.083	0.5			
2022/23-4	Lab	method blank	3/16/2023	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5			
2022/23-4	Lab	method blank	3/16/2023	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5			
2022/23-4	000NONPJ	matrix spike	3/15/2023	Pesticide	2,4,5-T	n/a	=	4.06	µg/L	EPA 515.4	0.03	0.2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	000NONPJ	matrix spike, rec	3/15/2023	Pesticide	2,4,5-T	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/16/2023	Pesticide	2,4,5-T	n/a	=	4.12	µg/L	EPA 515.4	0.03	0.2			
2022/23-4	000NONPJ	matrix spike dup, rec	3/16/2023	Pesticide	2,4,5-T	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/16/2023	Pesticide	2,4,5-T	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2022/23-4	Lab	method blank	3/15/2023	Pesticide	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2			
2022/23-4	Lab	LCS	3/15/2023	Pesticide	2,4,5-T	n/a	=	3.96	µg/L	EPA 515.4	0.03	0.2			
2022/23-4	Lab	LCS, rec	3/15/2023	Pesticide	2,4,5-T	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike	3/15/2023	Pesticide	2,4,5-TP	n/a	=	4.11	µg/L	EPA 515.4	0.026	0.2			
2022/23-4	000NONPJ	matrix spike, rec	3/15/2023	Pesticide	2,4,5-TP	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/16/2023	Pesticide	2,4,5-TP	n/a	=	4.09	µg/L	EPA 515.4	0.026	0.2			
2022/23-4	000NONPJ	matrix spike dup, rec	3/16/2023	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/16/2023	Pesticide	2,4,5-TP	n/a	=	0.5	%	EPA 515.4	-88	-88	0	30	
2022/23-4	Lab	method blank	3/15/2023	Pesticide	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2			
2022/23-4	Lab	LCS	3/15/2023	Pesticide	2,4,5-TP	n/a	=	4.05	µg/L	EPA 515.4	0.026	0.2			
2022/23-4	Lab	LCS, rec	3/15/2023	Pesticide	2,4,5-TP	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike	3/15/2023	Pesticide	2,4-D	n/a	=	8.48	µg/L	EPA 515.4	0.14	0.4			
2022/23-4	000NONPJ	matrix spike, rec	3/15/2023	Pesticide	2,4-D	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/16/2023	Pesticide	2,4-D	n/a	=	8.27	µg/L	EPA 515.4	0.14	0.4			
2022/23-4	000NONPJ	matrix spike dup, rec	3/16/2023	Pesticide	2,4-D	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/16/2023	Pesticide	2,4-D	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2022/23-4	Lab	method blank	3/15/2023	Pesticide	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4			
2022/23-4	Lab	LCS	3/15/2023	Pesticide	2,4-D	n/a	=	7.89	µg/L	EPA 515.4	0.14	0.4			
2022/23-4	Lab	LCS, rec	3/15/2023	Pesticide	2,4-D	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike	3/15/2023	Pesticide	2,4-DB	n/a	=	16.1	µg/L	EPA 515.4	0.19	2			
2022/23-4	000NONPJ	matrix spike, rec	3/15/2023	Pesticide	2,4-DB	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/16/2023	Pesticide	2,4-DB	n/a	=	16.4	µg/L	EPA 515.4	0.19	2			
2022/23-4	000NONPJ	matrix spike dup, rec	3/16/2023	Pesticide	2,4-DB	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/16/2023	Pesticide	2,4-DB	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2022/23-4	Lab	method blank	3/15/2023	Pesticide	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2			
2022/23-4	Lab	LCS	3/15/2023	Pesticide	2,4-DB	n/a	=	16.2	µg/L	EPA 515.4	0.19	2			
2022/23-4	Lab	LCS, rec	3/15/2023	Pesticide	2,4-DB	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike	3/15/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.36	µg/L	EPA 515.4	0.12	1			
2022/23-4	000NONPJ	matrix spike, rec	3/15/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/16/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.37	µg/L	EPA 515.4	0.12	1			
2022/23-4	000NONPJ	matrix spike dup, rec	3/16/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/16/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.1	%	EPA 515.4	-88	-88	0	30	
2022/23-4	Lab	method blank	3/15/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1			
2022/23-4	Lab	LCS	3/15/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.92	µg/L	EPA 515.4	0.12	1			
2022/23-4	Lab	LCS, rec	3/15/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-4	Lab	method blank	3/16/2023	Pesticide	4,4'-DDD	n/a	<	0.0027	µg/L	EPA 608.3	0.0027	0.05			
2022/23-4	Lab	LCS	3/16/2023	Pesticide	4,4'-DDD	n/a	=	0.0885	µg/L	EPA 608.3	0.0027	0.05			
2022/23-4	Lab	LCS, rec	3/16/2023	Pesticide	4,4'-DDD	n/a	=	88	%	EPA 608.3	-88	-88	48	130	
2022/23-4	Lab	LCS dup	3/16/2023	Pesticide	4,4'-DDD	n/a	=	0.0744	µg/L	EPA 608.3	0.0027	0.05			
2022/23-4	Lab	LCS dup, rec	3/16/2023	Pesticide	4,4'-DDD	n/a	=	74	%	EPA 608.3	-88	-88	48	130	
2022/23-4	Lab	LCS, RPD	3/16/2023	Pesticide	4,4'-DDD	n/a	=	17	%	EPA 608.3	-88	-88	0	30	
2022/23-4	Lab	method blank	3/16/2023	Pesticide	4,4'-DDE	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.05			
2022/23-4	Lab	LCS	3/16/2023	Pesticide	4,4'-DDE	n/a	=	0.0749	µg/L	EPA 608.3	0.0018	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	
2022/23-4	Lab	LCS, rec	3/16/2023	Pesticide	4,4'-DDE	n/a	=	75	%	EPA 608.3	-88	-88	54	130	
2022/23-4	Lab	LCS dup	3/16/2023	Pesticide	4,4'-DDE	n/a	=	0.0631	µg/L	EPA 608.3	0.0018	0.05			
2022/23-4	Lab	LCS dup, rec	3/16/2023	Pesticide	4,4'-DDE	n/a	=	63	%	EPA 608.3	-88	-88	54	130	
2022/23-4	Lab	LCS, RPD	3/16/2023	Pesticide	4,4'-DDE	n/a	=	17	%	EPA 608.3	-88	-88	0	30	
2022/23-4	Lab	method blank	3/16/2023	Pesticide	4,4'-DDT	n/a	<	0.0028	µg/L	EPA 608.3	0.0028	0.01			
2022/23-4	Lab	LCS	3/16/2023	Pesticide	4,4'-DDT	n/a	=	0.0629	µg/L	EPA 608.3	0.0028	0.01			
2022/23-4	Lab	LCS, rec	3/16/2023	Pesticide	4,4'-DDT	n/a	=	63	%	EPA 608.3	-88	-88	46	137	
2022/23-4	Lab	LCS dup	3/16/2023	Pesticide	4,4'-DDT	n/a	=	0.0535	µg/L	EPA 608.3	0.0028	0.01			
2022/23-4	Lab	LCS dup, rec	3/16/2023	Pesticide	4,4'-DDT	n/a	=	53	%	EPA 608.3	-88	-88	46	137	
2022/23-4	Lab	LCS, RPD	3/16/2023	Pesticide	4,4'-DDT	n/a	=	16	%	EPA 608.3	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/15/2023	Pesticide	Acifluorfen	n/a	=	4.09	µg/L	EPA 515.4	0.03	0.4			
2022/23-4	000NONPJ	matrix spike, rec	3/15/2023	Pesticide	Acifluorfen	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/16/2023	Pesticide	Acifluorfen	n/a	=	4.06	µg/L	EPA 515.4	0.03	0.4			
2022/23-4	000NONPJ	matrix spike dup, rec	3/16/2023	Pesticide	Acifluorfen	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/16/2023	Pesticide	Acifluorfen	n/a	=	0.6	%	EPA 515.4	-88	-88	0	30	
2022/23-4	Lab	method blank	3/15/2023	Pesticide	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4			
2022/23-4	Lab	LCS	3/15/2023	Pesticide	Acifluorfen	n/a	=	3.99	µg/L	EPA 515.4	0.03	0.4			
2022/23-4	Lab	LCS, rec	3/15/2023	Pesticide	Acifluorfen	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Alachlor	n/a	=	6.37	µg/L	EPA 525.2	0.03	0.1			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Alachlor	n/a	=	85	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS dup	3/14/2023	Pesticide	Alachlor	n/a	=	6.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-4	Lab	LCS dup, rec	3/14/2023	Pesticide	Alachlor	n/a	=	80	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS, RPD	3/14/2023	Pesticide	Alachlor	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2022/23-4	Lab	method blank	3/16/2023	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2022/23-4	Lab	LCS	3/16/2023	Pesticide	Aldrin	n/a	=	0.0662	µg/L	EPA 608.3	0.001	0.005			
2022/23-4	Lab	LCS, rec	3/16/2023	Pesticide	Aldrin	n/a	=	66	%	EPA 608.3	-88	-88	54	130	
2022/23-4	Lab	LCS dup	3/16/2023	Pesticide	Aldrin	n/a	=	0.0564	µg/L	EPA 608.3	0.001	0.005			
2022/23-4	Lab	LCS dup, rec	3/16/2023	Pesticide	Aldrin	n/a	=	56	%	EPA 608.3	-88	-88	54	130	
2022/23-4	Lab	LCS, RPD	3/16/2023	Pesticide	Aldrin	n/a	=	16	%	EPA 608.3	-88	-88	0	30	
2022/23-4	Lab	method blank	3/16/2023	Pesticide	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2022/23-4	Lab	LCS	3/16/2023	Pesticide	alpha-BHC	n/a	=	0.0737	µg/L	EPA 608.3	0.0011	0.01			
2022/23-4	Lab	LCS, rec	3/16/2023	Pesticide	alpha-BHC	n/a	=	74	%	EPA 608.3	-88	-88	49	130	
2022/23-4	Lab	LCS dup	3/16/2023	Pesticide	alpha-BHC	n/a	=	0.0617	µg/L	EPA 608.3	0.0011	0.01			
2022/23-4	Lab	LCS dup, rec	3/16/2023	Pesticide	alpha-BHC	n/a	=	62	%	EPA 608.3	-88	-88	49	130	
2022/23-4	Lab	LCS, RPD	3/16/2023	Pesticide	alpha-BHC	n/a	=	18	%	EPA 608.3	-88	-88	0	30	
2022/23-4	Lab	method blank	3/16/2023	Pesticide	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01			
2022/23-4	Lab	LCS	3/16/2023	Pesticide	alpha-Chlordane	n/a	=	0.0737	µg/L	EPA 608.3	0.0029	0.01			
2022/23-4	Lab	LCS, rec	3/16/2023	Pesticide	alpha-Chlordane	n/a	=	74	%	EPA 608.3	-88	-88	23	127	
2022/23-4	Lab	LCS dup	3/16/2023	Pesticide	alpha-Chlordane	n/a	=	0.0628	µg/L	EPA 608.3	0.0029	0.01			
2022/23-4	Lab	LCS dup, rec	3/16/2023	Pesticide	alpha-Chlordane	n/a	=	63	%	EPA 608.3	-88	-88	23	127	
2022/23-4	Lab	LCS, RPD	3/16/2023	Pesticide	alpha-Chlordane	n/a	=	16	%	EPA 608.3	-88	-88	0	30	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Atrazine	n/a	=	5.01	µg/L	EPA 525.2	0.011	0.1			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Atrazine	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS dup	3/14/2023	Pesticide	Atrazine	n/a	=	4.59	µg/L	EPA 525.2	0.011	0.1			
2022/23-4	Lab	LCS dup, rec	3/14/2023	Pesticide	Atrazine	n/a	=	92	%	EPA 525.2	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	LCS, RPD	3/14/2023	Pesticide	Atrazine	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Azinphos methyl	n/a	=	0.0485	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Azinphos methyl	n/a	=	97	%	EPA 625.1m	-88	-88	0.1	153	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Azinphos methyl	n/a	=	0.0526	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Azinphos methyl	n/a	=	105	%	EPA 625.1m	-88	-88	0.1	153	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Azinphos methyl	n/a	=	8	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Azinphos methyl	n/a	=	0.0463	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Azinphos methyl	n/a	=	93	%	EPA 625.1m	-88	-88	47	200	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Azinphos methyl	n/a	=	0.0328	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Azinphos methyl	n/a	=	66	%	EPA 625.1m	-88	-88	47	200	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-4	000NONPJ	matrix spike	3/15/2023	Pesticide	Bentazon	n/a	=	16.7	µg/L	EPA 515.4	0.23	2			
2022/23-4	000NONPJ	matrix spike, rec	3/15/2023	Pesticide	Bentazon	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/16/2023	Pesticide	Bentazon	n/a	=	16.5	µg/L	EPA 515.4	0.23	2			
2022/23-4	000NONPJ	matrix spike dup, rec	3/16/2023	Pesticide	Bentazon	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/16/2023	Pesticide	Bentazon	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2022/23-4	Lab	method blank	3/15/2023	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2			
2022/23-4	Lab	LCS	3/15/2023	Pesticide	Bentazon	n/a	=	16.2	µg/L	EPA 515.4	0.23	2			
2022/23-4	Lab	LCS, rec	3/15/2023	Pesticide	Bentazon	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-4	Lab	method blank	3/16/2023	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2022/23-4	Lab	LCS	3/16/2023	Pesticide	beta-BHC	n/a	=	0.0814	µg/L	EPA 608.3	0.0015	0.005			
2022/23-4	Lab	LCS, rec	3/16/2023	Pesticide	beta-BHC	n/a	=	81	%	EPA 608.3	-88	-88	39	130	
2022/23-4	Lab	LCS dup	3/16/2023	Pesticide	beta-BHC	n/a	=	0.0665	µg/L	EPA 608.3	0.0015	0.005			
2022/23-4	Lab	LCS dup, rec	3/16/2023	Pesticide	beta-BHC	n/a	=	67	%	EPA 608.3	-88	-88	39	130	
2022/23-4	Lab	LCS, RPD	3/16/2023	Pesticide	beta-BHC	n/a	=	20	%	EPA 608.3	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Bolstar	n/a	=	0.0518	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Bolstar	n/a	=	104	%	EPA 625.1m	-88	-88	22	160	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Bolstar	n/a	=	0.0553	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Bolstar	n/a	=	111	%	EPA 625.1m	-88	-88	22	160	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Bolstar	n/a	=	7	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Bolstar	n/a	=	0.044	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Bolstar	n/a	=	88	%	EPA 625.1m	-88	-88	27	162	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Bolstar	n/a	=	0.0395	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Bolstar	n/a	=	79	%	EPA 625.1m	-88	-88	27	162	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Bromacil	n/a	=	4.37	µg/L	EPA 525.2	0.07	0.5			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Bromacil	n/a	=	87	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS dup	3/14/2023	Pesticide	Bromacil	n/a	=	4.18	µg/L	EPA 525.2	0.07	0.5			
2022/23-4	Lab	LCS dup, rec	3/14/2023	Pesticide	Bromacil	n/a	=	84	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS, RPD	3/14/2023	Pesticide	Bromacil	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Butachlor	n/a	=	4.74	µg/L	EPA 525.2	0.012	0.1			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Butachlor	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS dup	3/14/2023	Pesticide	Butachlor	n/a	=	4.62	µg/L	EPA 525.2	0.012	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	LCS dup, rec	3/14/2023	Pesticide	Butachlor	n/a	=	92	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS, RPD	3/14/2023	Pesticide	Butachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Captan	n/a	=	5.13	µg/L	EPA 525.2	0.32	1			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Captan	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS dup	3/14/2023	Pesticide	Captan	n/a	=	5.05	µg/L	EPA 525.2	0.32	1			
2022/23-4	Lab	LCS dup, rec	3/14/2023	Pesticide	Captan	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS, RPD	3/14/2023	Pesticide	Captan	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-4	Lab	method blank	3/16/2023	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Chlorpropham	n/a	=	5.08	µg/L	EPA 525.2	0.04	0.1			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Chlorpropham	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS dup	3/14/2023	Pesticide	Chlorpropham	n/a	=	4.93	µg/L	EPA 525.2	0.04	0.1			
2022/23-4	Lab	LCS dup, rec	3/14/2023	Pesticide	Chlorpropham	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS, RPD	3/14/2023	Pesticide	Chlorpropham	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Chlorpyrifos	n/a	=	0.0585	µg/L	EPA 625.1m	0.004	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Chlorpyrifos	n/a	=	117	%	EPA 625.1m	-88	-88	48	151	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Chlorpyrifos	n/a	=	0.0603	µg/L	EPA 625.1m	0.004	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Chlorpyrifos	n/a	=	121	%	EPA 625.1m	-88	-88	48	151	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Chlorpyrifos	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Chlorpyrifos	n/a	=	0.0441	µg/L	EPA 625.1m	0.004	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Chlorpyrifos	n/a	=	88	%	EPA 625.1m	-88	-88	72	144	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Chlorpyrifos	n/a	=	0.0421	µg/L	EPA 625.1m	0.004	0.01			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Chlorpyrifos	n/a	=	84	%	EPA 625.1m	-88	-88	72	144	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01			
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Coumaphos	n/a	=	0.0525	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Coumaphos	n/a	=	105	%	EPA 625.1m	-88	-88	0.1	190	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Coumaphos	n/a	=	0.0611	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Coumaphos	n/a	=	122	%	EPA 625.1m	-88	-88	0.1	190	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Coumaphos	n/a	=	15	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Coumaphos	n/a	=	0.0464	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Coumaphos	n/a	=	93	%	EPA 625.1m	-88	-88	10	200	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Coumaphos	n/a	=	0.0436	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Coumaphos	n/a	=	87	%	EPA 625.1m	-88	-88	10	200	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-4	000NONPJ	matrix spike	3/15/2023	Pesticide	Dalapon	n/a	=	7.28	µg/L	EPA 515.4	0.11	0.4			
2022/23-4	000NONPJ	matrix spike, rec	3/15/2023	Pesticide	Dalapon	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/16/2023	Pesticide	Dalapon	n/a	=	7.49	µg/L	EPA 515.4	0.11	0.4			
2022/23-4	000NONPJ	matrix spike dup, rec	3/16/2023	Pesticide	Dalapon	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/16/2023	Pesticide	Dalapon	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2022/23-4	Lab	method blank	3/15/2023	Pesticide	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4			
2022/23-4	Lab	LCS	3/15/2023	Pesticide	Dalapon	n/a	=	7.36	µg/L	EPA 515.4	0.11	0.4			
2022/23-4	Lab	LCS, rec	3/15/2023	Pesticide	Dalapon	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike	3/15/2023	Pesticide	D CPA (Dacthal)	n/a	=	4.16	µg/L	EPA 515.4	0.029	0.1			
2022/23-4	000NONPJ	matrix spike, rec	3/15/2023	Pesticide	D CPA (Dacthal)	n/a	=	104	%	EPA 515.4	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	000NONPJ	matrix spike dup	3/16/2023	Pesticide	DCPA (Dacthal)	n/a	=	4.12	µg/L	EPA 515.4	0.029	0.1			
2022/23-4	000NONPJ	matrix spike dup, rec	3/16/2023	Pesticide	DCPA (Dacthal)	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/16/2023	Pesticide	DCPA (Dacthal)	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2022/23-4	Lab	method blank	3/15/2023	Pesticide	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1			
2022/23-4	Lab	LCS	3/15/2023	Pesticide	DCPA (Dacthal)	n/a	=	4.04	µg/L	EPA 515.4	0.029	0.1			
2022/23-4	Lab	LCS, rec	3/15/2023	Pesticide	DCPA (Dacthal)	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-4	Lab	method blank	3/16/2023	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2022/23-4	Lab	LCS	3/16/2023	Pesticide	delta-BHC	n/a	=	0.0852	µg/L	EPA 608.3	0.0019	0.005			
2022/23-4	Lab	LCS, rec	3/16/2023	Pesticide	delta-BHC	n/a	=	85	%	EPA 608.3	-88	-88	51	130	
2022/23-4	Lab	LCS dup	3/16/2023	Pesticide	delta-BHC	n/a	=	0.0742	µg/L	EPA 608.3	0.0019	0.005			
2022/23-4	Lab	LCS dup, rec	3/16/2023	Pesticide	delta-BHC	n/a	=	74	%	EPA 608.3	-88	-88	51	130	
2022/23-4	Lab	LCS, RPD	3/16/2023	Pesticide	delta-BHC	n/a	=	14	%	EPA 608.3	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Demeton-O	n/a	=	0.0126	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Demeton-O	n/a	=	101	%	EPA 625.1m	-88	-88	63	151	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Demeton-O	n/a	=	0.0139	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Demeton-O	n/a	=	111	%	EPA 625.1m	-88	-88	63	151	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Demeton-O	n/a	=	10	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Demeton-O	n/a	=	0.0105	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Demeton-O	n/a	=	84	%	EPA 625.1m	-88	-88	23	121	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Demeton-O	n/a	=	0.0103	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Demeton-O	n/a	=	82	%	EPA 625.1m	-88	-88	23	121	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Demeton-S	n/a	=	0.037	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Demeton-S	n/a	=	99	%	EPA 625.1m	-88	-88	0.1	204	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Demeton-S	n/a	=	0.0415	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Demeton-S	n/a	=	111	%	EPA 625.1m	-88	-88	0.1	204	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Demeton-S	n/a	=	12	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Demeton-S	n/a	=	0.0336	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Demeton-S	n/a	=	90	%	EPA 625.1m	-88	-88	53	147	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Demeton-S	n/a	=	0.0338	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Demeton-S	n/a	=	90	%	EPA 625.1m	-88	-88	53	147	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Diazinon	n/a	=	0.0463	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Diazinon	n/a	=	93	%	EPA 625.1m	-88	-88	46	139	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Diazinon	n/a	=	0.0474	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Diazinon	n/a	=	95	%	EPA 625.1m	-88	-88	46	139	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Diazinon	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Diazinon	n/a	=	0.043	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Diazinon	n/a	=	86	%	EPA 625.1m	-88	-88	75	150	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Diazinon	n/a	=	0.0402	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Diazinon	n/a	=	80	%	EPA 625.1m	-88	-88	75	150	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Diazinon	n/a	=	4.57	µg/L	EPA 525.2	0.022	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Diazinon	n/a	=	91	%	EPA 525.2	-88	-88	50	120	
2022/23-4	Lab	LCS dup	3/14/2023	Pesticide	Diazinon	n/a	=	4.48	µg/L	EPA 525.2	0.022	0.1			
2022/23-4	Lab	LCS dup, rec	3/14/2023	Pesticide	Diazinon	n/a	=	90	%	EPA 525.2	-88	-88	50	120	
2022/23-4	Lab	LCS, RPD	3/14/2023	Pesticide	Diazinon	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/15/2023	Pesticide	Dicamba	n/a	=	8.13	µg/L	EPA 515.4	0.049	0.6			
2022/23-4	000NONPJ	matrix spike, rec	3/15/2023	Pesticide	Dicamba	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/16/2023	Pesticide	Dicamba	n/a	=	7.92	µg/L	EPA 515.4	0.049	0.6			
2022/23-4	000NONPJ	matrix spike dup, rec	3/16/2023	Pesticide	Dicamba	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/16/2023	Pesticide	Dicamba	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2022/23-4	Lab	method blank	3/15/2023	Pesticide	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6			
2022/23-4	Lab	LCS	3/15/2023	Pesticide	Dicamba	n/a	=	7.86	µg/L	EPA 515.4	0.049	0.6			
2022/23-4	Lab	LCS, rec	3/15/2023	Pesticide	Dicamba	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike	3/15/2023	Pesticide	Dichlorprop	n/a	=	8.25	µg/L	EPA 515.4	0.12	0.3			
2022/23-4	000NONPJ	matrix spike, rec	3/15/2023	Pesticide	Dichlorprop	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/16/2023	Pesticide	Dichlorprop	n/a	=	8.01	µg/L	EPA 515.4	0.12	0.3			
2022/23-4	000NONPJ	matrix spike dup, rec	3/16/2023	Pesticide	Dichlorprop	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/16/2023	Pesticide	Dichlorprop	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2022/23-4	Lab	method blank	3/15/2023	Pesticide	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3			
2022/23-4	Lab	LCS	3/15/2023	Pesticide	Dichlorprop	n/a	=	7.99	µg/L	EPA 515.4	0.12	0.3			
2022/23-4	Lab	LCS, rec	3/15/2023	Pesticide	Dichlorprop	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Dichlorvos	n/a	=	0.0485	µg/L	EPA 625.1m	0.0026	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Dichlorvos	n/a	=	97	%	EPA 625.1m	-88	-88	52	132	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Dichlorvos	n/a	=	0.0529	µg/L	EPA 625.1m	0.0026	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Dichlorvos	n/a	=	106	%	EPA 625.1m	-88	-88	52	132	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Dichlorvos	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Dichlorvos	n/a	=	0.0544	µg/L	EPA 625.1m	0.0026	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Dichlorvos	n/a	=	109	%	EPA 625.1m	-88	-88	39	118	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Dichlorvos	n/a	=	0.0533	µg/L	EPA 625.1m	0.0026	0.01			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Dichlorvos	n/a	=	107	%	EPA 625.1m	-88	-88	39	118	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01			
2022/23-4	Lab	method blank	3/16/2023	Pesticide	Dieldrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2022/23-4	Lab	LCS	3/16/2023	Pesticide	Dieldrin	n/a	=	0.0671	µg/L	EPA 608.3	0.0017	0.01			
2022/23-4	Lab	LCS, rec	3/16/2023	Pesticide	Dieldrin	n/a	=	67	%	EPA 608.3	-88	-88	58	130	
2022/23-4	Lab	LCS dup	3/16/2023	Pesticide	Dieldrin	n/a	=	0.0577	µg/L	EPA 608.3	0.0017	0.01			
2022/23-4	Lab	LCS dup, rec	3/16/2023	Pesticide	Dieldrin	n/a	=	58	%	EPA 608.3	-88	-88	58	130	
2022/23-4	Lab	LCS, RPD	3/16/2023	Pesticide	Dieldrin	n/a	=	15	%	EPA 608.3	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Dimethoate	n/a	=	0.0474	µg/L	EPA 625.1m	0.0089	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Dimethoate	n/a	=	95	%	EPA 625.1m	-88	-88	0.1	208	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Dimethoate	n/a	=	0.0519	µg/L	EPA 625.1m	0.0089	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Dimethoate	n/a	=	104	%	EPA 625.1m	-88	-88	0.1	208	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Dimethoate	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Dimethoate	n/a	=	0.0541	µg/L	EPA 625.1m	0.0089	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Dimethoate	n/a	=	108	%	EPA 625.1m	-88	-88	10	200	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Dimethoate	n/a	=	0.0365	µg/L	EPA 625.1m	0.0089	0.01			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Dimethoate	n/a	=	73	%	EPA 625.1m	-88	-88	10	200	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01			
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Dimethoate	n/a	=	3.57	µg/L	EPA 525.2	0.02	0.2			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Dimethoate	n/a	=	71	%	EPA 525.2	-88	-88	50	120	
2022/23-4	Lab	LCS dup	3/14/2023	Pesticide	Dimethoate	n/a	=	3.3	µg/L	EPA 525.2	0.02	0.2			
2022/23-4	Lab	LCS dup, rec	3/14/2023	Pesticide	Dimethoate	n/a	=	66	%	EPA 525.2	-88	-88	50	120	
2022/23-4	Lab	LCS, RPD	3/14/2023	Pesticide	Dimethoate	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/15/2023	Pesticide	Dinoseb	n/a	=	4.21	µg/L	EPA 515.4	0.033	0.4			
2022/23-4	000NONPJ	matrix spike, rec	3/15/2023	Pesticide	Dinoseb	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/16/2023	Pesticide	Dinoseb	n/a	=	4.19	µg/L	EPA 515.4	0.033	0.4			
2022/23-4	000NONPJ	matrix spike dup, rec	3/16/2023	Pesticide	Dinoseb	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/16/2023	Pesticide	Dinoseb	n/a	=	0.6	%	EPA 515.4	-88	-88	0	30	
2022/23-4	Lab	method blank	3/15/2023	Pesticide	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4			
2022/23-4	Lab	LCS	3/15/2023	Pesticide	Dinoseb	n/a	=	4.09	µg/L	EPA 515.4	0.033	0.4			
2022/23-4	Lab	LCS, rec	3/15/2023	Pesticide	Dinoseb	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Diphenamid	n/a	=	5.55	µg/L	EPA 525.2	0.03	0.1			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Diphenamid	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS dup	3/14/2023	Pesticide	Diphenamid	n/a	=	5.46	µg/L	EPA 525.2	0.03	0.1			
2022/23-4	Lab	LCS dup, rec	3/14/2023	Pesticide	Diphenamid	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS, RPD	3/14/2023	Pesticide	Diphenamid	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Disulfoton	n/a	=	0.0499	µg/L	EPA 625.1m	0.0035	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Disulfoton	n/a	=	100	%	EPA 625.1m	-88	-88	33	172	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Disulfoton	n/a	=	0.0517	µg/L	EPA 625.1m	0.0035	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Disulfoton	n/a	=	103	%	EPA 625.1m	-88	-88	33	172	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Disulfoton	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Disulfoton	n/a	=	0.0435	µg/L	EPA 625.1m	0.0035	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Disulfoton	n/a	=	87	%	EPA 625.1m	-88	-88	65	121	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Disulfoton	n/a	=	0.0414	µg/L	EPA 625.1m	0.0035	0.01			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Disulfoton	n/a	=	83	%	EPA 625.1m	-88	-88	65	121	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01			
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Disulfoton	n/a	=	4.5	µg/L	EPA 525.2	0.015	0.1			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Disulfoton	n/a	=	90	%	EPA 525.2	-88	-88	50	120	
2022/23-4	Lab	LCS dup	3/14/2023	Pesticide	Disulfoton	n/a	=	4.64	µg/L	EPA 525.2	0.015	0.1			
2022/23-4	Lab	LCS dup, rec	3/14/2023	Pesticide	Disulfoton	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2022/23-4	Lab	LCS, RPD	3/14/2023	Pesticide	Disulfoton	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-4	Lab	method blank	3/16/2023	Pesticide	Endosulfan I	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.02			
2022/23-4	Lab	LCS	3/16/2023	Pesticide	Endosulfan I	n/a	=	0.0557	µg/L	EPA 608.3	0.0019	0.02			EUM
2022/23-4	Lab	LCS, rec	3/16/2023	Pesticide	Endosulfan I	n/a	=	56	%	EPA 608.3	-88	-88	57	141	EUM
2022/23-4	Lab	LCS dup	3/16/2023	Pesticide	Endosulfan I	n/a	=	0.0473	µg/L	EPA 608.3	0.0019	0.02			EUM
2022/23-4	Lab	LCS dup, rec	3/16/2023	Pesticide	Endosulfan I	n/a	=	47	%	EPA 608.3	-88	-88	57	141	EUM
2022/23-4	Lab	LCS, RPD	3/16/2023	Pesticide	Endosulfan I	n/a	=	16	%	EPA 608.3	-88	-88	0	30	EUM
2022/23-4	Lab	method blank	3/16/2023	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2022/23-4	Lab	LCS	3/16/2023	Pesticide	Endosulfan II	n/a	=	0.0636	µg/L	EPA 608.3	0.0019	0.01			
2022/23-4	Lab	LCS, rec	3/16/2023	Pesticide	Endosulfan II	n/a	=	64	%	EPA 608.3	-88	-88	22	171	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	LCS dup	3/16/2023	Pesticide	Endosulfan II	n/a	=	0.0544	µg/L	EPA 608.3	0.0019	0.01			
2022/23-4	Lab	LCS dup, rec	3/16/2023	Pesticide	Endosulfan II	n/a	=	54	%	EPA 608.3	-88	-88	22	171	
2022/23-4	Lab	LCS, RPD	3/16/2023	Pesticide	Endosulfan II	n/a	=	16	%	EPA 608.3	-88	-88	0	30	
2022/23-4	Lab	method blank	3/16/2023	Pesticide	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05			
2022/23-4	Lab	LCS	3/16/2023	Pesticide	Endosulfan sulfate	n/a	=	0.0805	µg/L	EPA 608.3	0.0013	0.05			
2022/23-4	Lab	LCS, rec	3/16/2023	Pesticide	Endosulfan sulfate	n/a	=	80	%	EPA 608.3	-88	-88	38	132	
2022/23-4	Lab	LCS dup	3/16/2023	Pesticide	Endosulfan sulfate	n/a	=	0.0685	µg/L	EPA 608.3	0.0013	0.05			
2022/23-4	Lab	LCS dup, rec	3/16/2023	Pesticide	Endosulfan sulfate	n/a	=	69	%	EPA 608.3	-88	-88	38	132	
2022/23-4	Lab	LCS, RPD	3/16/2023	Pesticide	Endosulfan sulfate	n/a	=	16	%	EPA 608.3	-88	-88	0	30	
2022/23-4	Lab	method blank	3/16/2023	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2022/23-4	Lab	LCS	3/16/2023	Pesticide	Endrin	n/a	=	0.0745	µg/L	EPA 608.3	0.0017	0.01			
2022/23-4	Lab	LCS, rec	3/16/2023	Pesticide	Endrin	n/a	=	75	%	EPA 608.3	-88	-88	51	130	
2022/23-4	Lab	LCS dup	3/16/2023	Pesticide	Endrin	n/a	=	0.0637	µg/L	EPA 608.3	0.0017	0.01			
2022/23-4	Lab	LCS dup, rec	3/16/2023	Pesticide	Endrin	n/a	=	64	%	EPA 608.3	-88	-88	51	130	
2022/23-4	Lab	LCS, RPD	3/16/2023	Pesticide	Endrin	n/a	=	16	%	EPA 608.3	-88	-88	0	30	
2022/23-4	Lab	method blank	3/16/2023	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2022/23-4	Lab	LCS	3/16/2023	Pesticide	Endrin aldehyde	n/a	=	0.0679	µg/L	EPA 608.3	0.0019	0.01			
2022/23-4	Lab	LCS, rec	3/16/2023	Pesticide	Endrin aldehyde	n/a	=	68	%	EPA 608.3	-88	-88	18	130	
2022/23-4	Lab	LCS dup	3/16/2023	Pesticide	Endrin aldehyde	n/a	=	0.0637	µg/L	EPA 608.3	0.0019	0.01			
2022/23-4	Lab	LCS dup, rec	3/16/2023	Pesticide	Endrin aldehyde	n/a	=	64	%	EPA 608.3	-88	-88	18	130	
2022/23-4	Lab	LCS, RPD	3/16/2023	Pesticide	Endrin aldehyde	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	EPTC	n/a	=	5.27	µg/L	EPA 525.2	0.02	0.1			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	EPTC	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS dup	3/14/2023	Pesticide	EPTC	n/a	=	5.05	µg/L	EPA 525.2	0.02	0.1			
2022/23-4	Lab	LCS dup, rec	3/14/2023	Pesticide	EPTC	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS, RPD	3/14/2023	Pesticide	EPTC	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Ethoprop	n/a	=	0.0522	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Ethoprop	n/a	=	104	%	EPA 625.1m	-88	-88	50	150	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Ethoprop	n/a	=	0.0533	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Ethoprop	n/a	=	107	%	EPA 625.1m	-88	-88	50	150	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Ethoprop	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Ethoprop	n/a	=	0.0483	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Ethoprop	n/a	=	97	%	EPA 625.1m	-88	-88	76	165	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Ethoprop	n/a	=	0.0434	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Ethoprop	n/a	=	87	%	EPA 625.1m	-88	-88	76	165	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Ethyl parathion	n/a	=	0.0432	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Ethyl parathion	n/a	=	86	%	EPA 625.1m	-88	-88	26	201	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Ethyl parathion	n/a	=	0.049	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Ethyl parathion	n/a	=	98	%	EPA 625.1m	-88	-88	26	201	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Ethyl parathion	n/a	=	13	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Ethyl parathion	n/a	=	0.0421	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Ethyl parathion	n/a	=	84	%	EPA 625.1m	-88	-88	61	139	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Ethyl parathion	n/a	=	0.0439	µg/L	EPA 625.1m	0.0022	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	
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Ethyl parathion	n/a	=	88	%	EPA 625.1m	-88	-88	61	139	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Fensulfothion	n/a	=	0.057	µg/L	EPA 625.1m	0.0086	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Fensulfothion	n/a	=	114	%	EPA 625.1m	-88	-88	0.1	231	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Fensulfothion	n/a	=	0.0606	µg/L	EPA 625.1m	0.0086	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Fensulfothion	n/a	=	121	%	EPA 625.1m	-88	-88	0.1	231	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Fensulfothion	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Fensulfothion	n/a	=	0.0535	µg/L	EPA 625.1m	0.0086	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Fensulfothion	n/a	=	107	%	EPA 625.1m	-88	-88	10	200	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Fensulfothion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Fensulfothion	n/a	=	0.0309	µg/L	EPA 625.1m	0.0086	0.01			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Fensulfothion	n/a	=	62	%	EPA 625.1m	-88	-88	10	200	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Fensulfothion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01			
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Fenthion	n/a	=	0.0526	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Fenthion	n/a	=	105	%	EPA 625.1m	-88	-88	27	164	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Fenthion	n/a	=	0.0555	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Fenthion	n/a	=	111	%	EPA 625.1m	-88	-88	27	164	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Fenthion	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Fenthion	n/a	=	0.0402	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Fenthion	n/a	=	80	%	EPA 625.1m	-88	-88	77	165	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Fenthion	n/a	=	0.0388	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Fenthion	n/a	=	78	%	EPA 625.1m	-88	-88	77	165	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-4	Lab	method blank	3/16/2023	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.02			
2022/23-4	Lab	LCS	3/16/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0748	µg/L	EPA 608.3	0.0015	0.02			
2022/23-4	Lab	LCS, rec	3/16/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	75	%	EPA 608.3	-88	-88	43	130	
2022/23-4	Lab	LCS dup	3/16/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0626	µg/L	EPA 608.3	0.0015	0.02			
2022/23-4	Lab	LCS dup, rec	3/16/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	63	%	EPA 608.3	-88	-88	43	130	
2022/23-4	Lab	LCS, RPD	3/16/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	18	%	EPA 608.3	-88	-88	0	30	
2022/23-4	Lab	method blank	3/16/2023	Pesticide	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2022/23-4	Lab	LCS	3/16/2023	Pesticide	gamma-Chlordane	n/a	=	0.0748	µg/L	EPA 608.3	0.0023	0.01			
2022/23-4	Lab	LCS, rec	3/16/2023	Pesticide	gamma-Chlordane	n/a	=	75	%	EPA 608.3	-88	-88	49	106	
2022/23-4	Lab	LCS dup	3/16/2023	Pesticide	gamma-Chlordane	n/a	=	0.062	µg/L	EPA 608.3	0.0023	0.01			
2022/23-4	Lab	LCS dup, rec	3/16/2023	Pesticide	gamma-Chlordane	n/a	=	62	%	EPA 608.3	-88	-88	49	106	
2022/23-4	Lab	LCS, RPD	3/16/2023	Pesticide	gamma-Chlordane	n/a	=	19	%	EPA 608.3	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/3/2023	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			GB
2022/23-4	000NONPJ	matrix spike, rec	3/3/2023	Pesticide	Glyphosate	n/a	=	0	%	EPA 547	-88	-88	41	149	GB
2022/23-4	000NONPJ	matrix spike dup	3/3/2023	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			GB
2022/23-4	000NONPJ	matrix spike dup, rec	3/3/2023	Pesticide	Glyphosate	n/a	=	0	%	EPA 547	-88	-88	41	149	GB
2022/23-4	000NONPJ	matrix spike, RPD	3/3/2023	Pesticide	Glyphosate	n/a	=	0	%	EPA 547	-88	-88	0	30	GB
2022/23-4	000NONPJ	matrix spike	3/3/2023	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			GB
2022/23-4	000NONPJ	matrix spike, rec	3/3/2023	Pesticide	Glyphosate	n/a	=	0	%	EPA 547	-88	-88	41	149	GB
2022/23-4	000NONPJ	matrix spike dup	3/3/2023	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			GB
2022/23-4	000NONPJ	matrix spike dup, rec	3/3/2023	Pesticide	Glyphosate	n/a	=	0	%	EPA 547	-88	-88	41	149	GB
2022/23-4	000NONPJ	matrix spike, RPD	3/3/2023	Pesticide	Glyphosate	n/a	=	0	%	EPA 547	-88	-88	0	30	GB
2022/23-4	Lab	method blank	3/3/2023	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	LCS	3/3/2023	Pesticide	Glyphosate	n/a	=	24.8	µg/L	EPA 547	1.8	5			
2022/23-4	Lab	LCS, rec	3/3/2023	Pesticide	Glyphosate	n/a	=	99	%	EPA 547	-88	-88	70	130	
2022/23-4	Lab	method blank	3/4/2023	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2022/23-4	Lab	LCS	3/4/2023	Pesticide	Glyphosate	n/a	=	24.8	µg/L	EPA 547	1.8	5			
2022/23-4	Lab	LCS, rec	3/4/2023	Pesticide	Glyphosate	n/a	=	99	%	EPA 547	-88	-88	70	130	
2022/23-4	Lab	method blank	3/6/2023	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2022/23-4	Lab	LCS	3/6/2023	Pesticide	Glyphosate	n/a	=	24	µg/L	EPA 547	1.8	5			
2022/23-4	Lab	LCS, rec	3/6/2023	Pesticide	Glyphosate	n/a	=	96	%	EPA 547	-88	-88	70	130	
2022/23-4	ME-CC	matrix spike	3/4/2023	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			GB
2022/23-4	ME-CC	matrix spike, rec	3/4/2023	Pesticide	Glyphosate	n/a	=	0	%	EPA 547	-88	-88	41	149	GB
2022/23-4	ME-CC	matrix spike dup	3/4/2023	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			GB
2022/23-4	ME-CC	matrix spike dup, rec	3/4/2023	Pesticide	Glyphosate	n/a	=	0	%	EPA 547	-88	-88	41	149	GB
2022/23-4	ME-CC	matrix spike, RPD	3/4/2023	Pesticide	Glyphosate	n/a	=	0	%	EPA 547	-88	-88	0	30	GB
2022/23-4	MO-VEN	matrix spike	3/4/2023	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			GB
2022/23-4	MO-VEN	matrix spike, rec	3/4/2023	Pesticide	Glyphosate	n/a	=	0	%	EPA 547	-88	-88	41	149	GB
2022/23-4	MO-VEN	matrix spike dup	3/4/2023	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			GB
2022/23-4	MO-VEN	matrix spike dup, rec	3/4/2023	Pesticide	Glyphosate	n/a	=	0	%	EPA 547	-88	-88	41	149	GB
2022/23-4	MO-VEN	matrix spike, RPD	3/4/2023	Pesticide	Glyphosate	n/a	=	0	%	EPA 547	-88	-88	0	30	GB
2022/23-4	Lab	method blank	3/16/2023	Pesticide	Heptachlor	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2022/23-4	Lab	LCS	3/16/2023	Pesticide	Heptachlor	n/a	=	0.0687	µg/L	EPA 608.3	0.0023	0.01			
2022/23-4	Lab	LCS, rec	3/16/2023	Pesticide	Heptachlor	n/a	=	69	%	EPA 608.3	-88	-88	43	130	
2022/23-4	Lab	LCS dup	3/16/2023	Pesticide	Heptachlor	n/a	=	0.0571	µg/L	EPA 608.3	0.0023	0.01			
2022/23-4	Lab	LCS dup, rec	3/16/2023	Pesticide	Heptachlor	n/a	=	57	%	EPA 608.3	-88	-88	43	130	
2022/23-4	Lab	LCS, RPD	3/16/2023	Pesticide	Heptachlor	n/a	=	18	%	EPA 608.3	-88	-88	0	30	
2022/23-4	Lab	method blank	3/16/2023	Pesticide	Heptachlor epoxide	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.01			
2022/23-4	Lab	LCS	3/16/2023	Pesticide	Heptachlor epoxide	n/a	=	0.0756	µg/L	EPA 608.3	0.0018	0.01			
2022/23-4	Lab	LCS, rec	3/16/2023	Pesticide	Heptachlor epoxide	n/a	=	76	%	EPA 608.3	-88	-88	57	132	
2022/23-4	Lab	LCS dup	3/16/2023	Pesticide	Heptachlor epoxide	n/a	=	0.0639	µg/L	EPA 608.3	0.0018	0.01			
2022/23-4	Lab	LCS dup, rec	3/16/2023	Pesticide	Heptachlor epoxide	n/a	=	64	%	EPA 608.3	-88	-88	57	132	
2022/23-4	Lab	LCS, RPD	3/16/2023	Pesticide	Heptachlor epoxide	n/a	=	17	%	EPA 608.3	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Malathion	n/a	=	0.0783	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Malathion	n/a	=	132	%	EPA 625.1m	-88	-88	15	161	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Malathion	n/a	=	0.08	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Malathion	n/a	=	136	%	EPA 625.1m	-88	-88	15	161	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Malathion	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Malathion	n/a	=	0.0448	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Malathion	n/a	=	90	%	EPA 625.1m	-88	-88	59	200	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Malathion	n/a	=	0.0419	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Malathion	n/a	=	84	%	EPA 625.1m	-88	-88	59	200	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Merphos	n/a	=	0.0437	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Merphos	n/a	=	87	%	EPA 625.1m	-88	-88	4	191	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Merphos	n/a	=	0.0461	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Merphos	n/a	=	92	%	EPA 625.1m	-88	-88	4	191	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Merphos	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Merphos	n/a	=	0.0391	µg/L	EPA 625.1m	0.0055	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Merphos	n/a	=	78	%	EPA 625.1m	-88	-88	32	200	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Merphos	n/a	=	0.0328	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Merphos	n/a	=	66	%	EPA 625.1m	-88	-88	32	200	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Methyl parathion	n/a	=	0.0481	µg/L	EPA 625.1m	0.0031	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Methyl parathion	n/a	=	96	%	EPA 625.1m	-88	-88	10	213	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Methyl parathion	n/a	=	0.0522	µg/L	EPA 625.1m	0.0031	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Methyl parathion	n/a	=	104	%	EPA 625.1m	-88	-88	10	213	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Methyl parathion	n/a	=	8	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Methyl parathion	n/a	=	0.0448	µg/L	EPA 625.1m	0.0031	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Methyl parathion	n/a	=	90	%	EPA 625.1m	-88	-88	64	154	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Methyl parathion	n/a	=	0.0425	µg/L	EPA 625.1m	0.0031	0.01			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Methyl parathion	n/a	=	85	%	EPA 625.1m	-88	-88	64	154	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01			
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Metolachlor	n/a	=	4.92	µg/L	EPA 525.2	0.03	0.1			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Metolachlor	n/a	=	98	%	EPA 525.2	-88	-88	60	130	
2022/23-4	Lab	LCS dup	3/14/2023	Pesticide	Metolachlor	n/a	=	4.71	µg/L	EPA 525.2	0.03	0.1			
2022/23-4	Lab	LCS dup, rec	3/14/2023	Pesticide	Metolachlor	n/a	=	94	%	EPA 525.2	-88	-88	60	130	
2022/23-4	Lab	LCS, RPD	3/14/2023	Pesticide	Metolachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Metribuzin	n/a	=	4.69	µg/L	EPA 525.2	0.03	0.1			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Metribuzin	n/a	=	94	%	EPA 525.2	-88	-88	50	120	
2022/23-4	Lab	LCS dup	3/14/2023	Pesticide	Metribuzin	n/a	=	4.38	µg/L	EPA 525.2	0.03	0.1			
2022/23-4	Lab	LCS dup, rec	3/14/2023	Pesticide	Metribuzin	n/a	=	88	%	EPA 525.2	-88	-88	50	120	
2022/23-4	Lab	LCS, RPD	3/14/2023	Pesticide	Metribuzin	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Mevinphos	n/a	=	0.047	µg/L	EPA 625.1m	0.0042	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Mevinphos	n/a	=	94	%	EPA 625.1m	-88	-88	0.1	204	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Mevinphos	n/a	=	0.049	µg/L	EPA 625.1m	0.0042	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Mevinphos	n/a	=	98	%	EPA 625.1m	-88	-88	0.1	204	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Mevinphos	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Mevinphos	n/a	=	0.0472	µg/L	EPA 625.1m	0.0042	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Mevinphos	n/a	=	94	%	EPA 625.1m	-88	-88	26	177	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Mevinphos	n/a	=	0.0408	µg/L	EPA 625.1m	0.0042	0.01			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Mevinphos	n/a	=	82	%	EPA 625.1m	-88	-88	26	177	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01			
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Molinate	n/a	=	5.14	µg/L	EPA 525.2	0.03	0.1			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Molinate	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS dup	3/14/2023	Pesticide	Molinate	n/a	=	4.98	µg/L	EPA 525.2	0.03	0.1			
2022/23-4	Lab	LCS dup, rec	3/14/2023	Pesticide	Molinate	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS, RPD	3/14/2023	Pesticide	Molinate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Naled	n/a	=	0.0591	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Naled	n/a	=	118	%	EPA 625.1m	-88	-88	0.1	206	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Naled	n/a	=	0.0559	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Naled	n/a	=	112	%	EPA 625.1m	-88	-88	0.1	206	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Naled	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Naled	n/a	=	0.0188	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Naled	n/a	=	38	%	EPA 625.1m	-88	-88	10	200	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Naled	n/a	=	0.0108	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Naled	n/a	=	22	%	EPA 625.1m	-88	-88	10	200	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-4	000NONPJ	matrix spike	3/15/2023	Pesticide	Pentachlorophenol	n/a	=	3.93	µg/L	EPA 515.4	0.046	0.2			
2022/23-4	000NONPJ	matrix spike, rec	3/15/2023	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/16/2023	Pesticide	Pentachlorophenol	n/a	=	3.86	µg/L	EPA 515.4	0.046	0.2			
2022/23-4	000NONPJ	matrix spike dup, rec	3/16/2023	Pesticide	Pentachlorophenol	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/16/2023	Pesticide	Pentachlorophenol	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2022/23-4	Lab	method blank	3/13/2023	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2022/23-4	Lab	LCS	3/13/2023	Pesticide	Pentachlorophenol	n/a	=	15.6	µg/L	EPA 8270C	0.15	1			
2022/23-4	Lab	LCS, rec	3/13/2023	Pesticide	Pentachlorophenol	n/a	=	78	%	EPA 8270C	-88	-88	29	106	
2022/23-4	Lab	LCS dup	3/13/2023	Pesticide	Pentachlorophenol	n/a	=	18.3	µg/L	EPA 8270C	0.15	1			
2022/23-4	Lab	LCS dup, rec	3/13/2023	Pesticide	Pentachlorophenol	n/a	=	91	%	EPA 8270C	-88	-88	29	106	
2022/23-4	Lab	LCS, RPD	3/13/2023	Pesticide	Pentachlorophenol	n/a	=	16	%	EPA 8270C	-88	-88	0	30	
2022/23-4	Lab	method blank	3/15/2023	Pesticide	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2022/23-4	Lab	LCS	3/15/2023	Pesticide	Pentachlorophenol	n/a	=	3.88	µg/L	EPA 515.4	0.046	0.2			
2022/23-4	Lab	LCS, rec	3/15/2023	Pesticide	Pentachlorophenol	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2022/23-4	Lab	LCS	4/1/2023	Pesticide	Pentachlorophenol	n/a	=	16.1	µg/L	EPA 625.1	0.4	1			
2022/23-4	Lab	LCS, rec	4/1/2023	Pesticide	Pentachlorophenol	n/a	=	81	%	EPA 625.1	-88	-88	41	120	
2022/23-4	Lab	LCS dup	4/1/2023	Pesticide	Pentachlorophenol	n/a	=	17.9	µg/L	EPA 625.1	0.4	1			
2022/23-4	Lab	LCS dup, rec	4/1/2023	Pesticide	Pentachlorophenol	n/a	=	89	%	EPA 625.1	-88	-88	41	120	
2022/23-4	Lab	LCS, RPD	4/1/2023	Pesticide	Pentachlorophenol	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-4	Lab	method blank	4/1/2023	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Phorate	n/a	=	0.0508	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Phorate	n/a	=	102	%	EPA 625.1m	-88	-88	33	172	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Phorate	n/a	=	0.0529	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Phorate	n/a	=	106	%	EPA 625.1m	-88	-88	33	172	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Phorate	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Phorate	n/a	=	0.0461	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Phorate	n/a	=	92	%	EPA 625.1m	-88	-88	61	135	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Phorate	n/a	=	0.0429	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Phorate	n/a	=	86	%	EPA 625.1m	-88	-88	61	135	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-4	000NONPJ	matrix spike	3/15/2023	Pesticide	Picloram	n/a	=	4.08	µg/L	EPA 515.4	0.05	0.6			
2022/23-4	000NONPJ	matrix spike, rec	3/15/2023	Pesticide	Picloram	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike dup	3/16/2023	Pesticide	Picloram	n/a	=	4.01	µg/L	EPA 515.4	0.05	0.6			
2022/23-4	000NONPJ	matrix spike dup, rec	3/16/2023	Pesticide	Picloram	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-4	000NONPJ	matrix spike, RPD	3/16/2023	Pesticide	Picloram	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2022/23-4	Lab	method blank	3/15/2023	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6			
2022/23-4	Lab	LCS	3/15/2023	Pesticide	Picloram	n/a	=	3.94	µg/L	EPA 515.4	0.05	0.6			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	Lab	LCS, rec	3/15/2023	Pesticide	Picloram	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Prometryn	n/a	=	3.47	µg/L	EPA 525.2	0.03	0.1			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Prometryn	n/a	=	69	%	EPA 525.2	-88	-88	30	120	
2022/23-4	Lab	LCS dup	3/14/2023	Pesticide	Prometryn	n/a	=	3.3	µg/L	EPA 525.2	0.03	0.1			
2022/23-4	Lab	LCS dup, rec	3/14/2023	Pesticide	Prometryn	n/a	=	66	%	EPA 525.2	-88	-88	30	120	
2022/23-4	Lab	LCS, RPD	3/14/2023	Pesticide	Prometryn	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0554	µg/L	EPA 625.1m	0.0036	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Ronnel (Fenclorphos)	n/a	=	111	%	EPA 625.1m	-88	-88	36	145	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0562	µg/L	EPA 625.1m	0.0036	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Ronnel (Fenclorphos)	n/a	=	112	%	EPA 625.1m	-88	-88	36	145	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Ronnel (Fenclorphos)	n/a	=	1	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0477	µg/L	EPA 625.1m	0.0036	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Ronnel (Fenclorphos)	n/a	=	95	%	EPA 625.1m	-88	-88	63	129	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0446	µg/L	EPA 625.1m	0.0036	0.01			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Ronnel (Fenclorphos)	n/a	=	89	%	EPA 625.1m	-88	-88	63	129	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01			
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Simazine	n/a	=	4.46	µg/L	EPA 525.2	0.02	0.1			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Simazine	n/a	=	89	%	EPA 525.2	-88	-88	60	130	
2022/23-4	Lab	LCS dup	3/14/2023	Pesticide	Simazine	n/a	=	4.14	µg/L	EPA 525.2	0.02	0.1			
2022/23-4	Lab	LCS dup, rec	3/14/2023	Pesticide	Simazine	n/a	=	83	%	EPA 525.2	-88	-88	60	130	
2022/23-4	Lab	LCS, RPD	3/14/2023	Pesticide	Simazine	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0592	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	118	%	EPA 625.1m	-88	-88	0.1	158	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0628	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	126	%	EPA 625.1m	-88	-88	0.1	158	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0494	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	99	%	EPA 625.1m	-88	-88	71	184	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0342	µg/L	EPA 625.1m	0.0024	0.01			EUM
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	68	%	EPA 625.1m	-88	-88	71	184	EUM
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Terbacil	n/a	=	5.12	µg/L	EPA 525.2	0.09	2			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Terbacil	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS dup	3/14/2023	Pesticide	Terbacil	n/a	=	4.96	µg/L	EPA 525.2	0.09	2			
2022/23-4	Lab	LCS dup, rec	3/14/2023	Pesticide	Terbacil	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS, RPD	3/14/2023	Pesticide	Terbacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Thiobencarb	n/a	=	4.31	µg/L	EPA 525.2	0.03	0.1			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Thiobencarb	n/a	=	86	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS dup	3/14/2023	Pesticide	Thiobencarb	n/a	=	4.17	µg/L	EPA 525.2	0.03	0.1			
2022/23-4	Lab	LCS dup, rec	3/14/2023	Pesticide	Thiobencarb	n/a	=	83	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS, RPD	3/14/2023	Pesticide	Thiobencarb	n/a	=	3	%	EPA 525.2	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Tokuthion	n/a	=	0.0511	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Tokuthion	n/a	=	102	%	EPA 625.1m	-88	-88	35	145	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Tokuthion	n/a	=	0.0497	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Tokuthion	n/a	=	99	%	EPA 625.1m	-88	-88	35	145	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Tokuthion	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Tokuthion	n/a	=	0.0514	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Tokuthion	n/a	=	103	%	EPA 625.1m	-88	-88	69	149	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Tokuthion	n/a	=	0.0462	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Tokuthion	n/a	=	92	%	EPA 625.1m	-88	-88	69	149	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-4	Lab	method blank	3/16/2023	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2022/23-4	000NONPJ	matrix spike	3/10/2023	Pesticide	Trichloronate	n/a	=	0.051	µg/L	EPA 625.1m	0.0037	0.01			
2022/23-4	000NONPJ	matrix spike, rec	3/10/2023	Pesticide	Trichloronate	n/a	=	102	%	EPA 625.1m	-88	-88	52	133	
2022/23-4	000NONPJ	matrix spike dup	3/10/2023	Pesticide	Trichloronate	n/a	=	0.0511	µg/L	EPA 625.1m	0.0037	0.01			
2022/23-4	000NONPJ	matrix spike dup, rec	3/10/2023	Pesticide	Trichloronate	n/a	=	102	%	EPA 625.1m	-88	-88	52	133	
2022/23-4	000NONPJ	matrix spike, RPD	3/10/2023	Pesticide	Trichloronate	n/a	=	0.07	%	EPA 625.1m	-88	-88	0	30	
2022/23-4	Lab	LCS	3/10/2023	Pesticide	Trichloronate	n/a	=	0.0429	µg/L	EPA 625.1m	0.0037	0.01			
2022/23-4	Lab	LCS, rec	3/10/2023	Pesticide	Trichloronate	n/a	=	86	%	EPA 625.1m	-88	-88	67	134	
2022/23-4	Lab	method blank	3/10/2023	Pesticide	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Trichloronate	n/a	=	0.0416	µg/L	EPA 625.1m	0.0037	0.01			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Trichloronate	n/a	=	83	%	EPA 625.1m	-88	-88	67	134	
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01			
2022/23-4	Lab	method blank	3/14/2023	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-4	Lab	LCS	3/14/2023	Pesticide	Trithion	n/a	=	4.86	µg/L	EPA 525.2	0.02	0.1			
2022/23-4	Lab	LCS, rec	3/14/2023	Pesticide	Trithion	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS dup	3/14/2023	Pesticide	Trithion	n/a	=	4.7	µg/L	EPA 525.2	0.02	0.1			
2022/23-4	Lab	LCS dup, rec	3/14/2023	Pesticide	Trithion	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2022/23-4	Lab	LCS, RPD	3/14/2023	Pesticide	Trithion	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/24/2023	Anion	Chloride	n/a	=	300	mg/L	EPA 300.0	1.9	5			
2022/23-5	000NONPJ	matrix spike, rec	3/24/2023	Anion	Chloride	n/a	=	102	%	EPA 300.0	-88	-88	76	118	
2022/23-5	000NONPJ	matrix spike dup	3/24/2023	Anion	Chloride	n/a	=	300	mg/L	EPA 300.0	1.9	5			
2022/23-5	000NONPJ	matrix spike dup, rec	3/24/2023	Anion	Chloride	n/a	=	102	%	EPA 300.0	-88	-88	76	118	
2022/23-5	000NONPJ	matrix spike, RPD	3/24/2023	Anion	Chloride	n/a	=	0.003	%	EPA 300.0	-88	-88	0	20	
2022/23-5	000NONPJ	matrix spike	3/24/2023	Anion	Chloride	n/a	=	259	mg/L	EPA 300.0	1.9	5			
2022/23-5	000NONPJ	matrix spike, rec	3/24/2023	Anion	Chloride	n/a	=	100	%	EPA 300.0	-88	-88	76	118	
2022/23-5	000NONPJ	matrix spike dup	3/24/2023	Anion	Chloride	n/a	=	260	mg/L	EPA 300.0	1.9	5			
2022/23-5	000NONPJ	matrix spike dup, rec	3/24/2023	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	76	118	
2022/23-5	000NONPJ	matrix spike, RPD	3/24/2023	Anion	Chloride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	
2022/23-5	Lab	method blank	3/23/2023	Anion	Chloride	n/a	<	0.19	mg/L	EPA 300.0	0.19	0.5			
2022/23-5	Lab	LCS	3/23/2023	Anion	Chloride	n/a	=	20.4	mg/L	EPA 300.0	0.19	0.5			
2022/23-5	Lab	LCS, rec	3/23/2023	Anion	Chloride	n/a	=	102	%	EPA 300.0	-88	-88	90	110	
2022/23-5	000NONPJ	matrix spike	3/24/2023	Anion	Fluoride	n/a	=	20.2	mg/L	EPA 300.0	0.09	1			
2022/23-5	000NONPJ	matrix spike, rec	3/24/2023	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	86	107	
2022/23-5	000NONPJ	matrix spike dup	3/24/2023	Anion	Fluoride	n/a	=	20.3	mg/L	EPA 300.0	0.09	1			
2022/23-5	000NONPJ	matrix spike dup, rec	3/24/2023	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	86	107	
2022/23-5	000NONPJ	matrix spike, RPD	3/24/2023	Anion	Fluoride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	000NONPJ	matrix spike	3/24/2023	Anion	Fluoride	n/a	=	20.3	mg/L	EPA 300.0	0.09	1			
2022/23-5	000NONPJ	matrix spike, rec	3/24/2023	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	86	107	
2022/23-5	000NONPJ	matrix spike dup	3/24/2023	Anion	Fluoride	n/a	=	20.4	mg/L	EPA 300.0	0.09	1			
2022/23-5	000NONPJ	matrix spike dup, rec	3/24/2023	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	86	107	
2022/23-5	000NONPJ	matrix spike, RPD	3/24/2023	Anion	Fluoride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	
2022/23-5	Lab	method blank	3/23/2023	Anion	Fluoride	n/a	<	0.009	mg/L	EPA 300.0	0.009	0.1			
2022/23-5	Lab	LCS	3/23/2023	Anion	Fluoride	n/a	=	1.98	mg/L	EPA 300.0	0.009	0.1			
2022/23-5	Lab	LCS, rec	3/23/2023	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	90	110	
2022/23-5	000NONPJ	matrix spike	3/16/2023	Anion	Perchlorate	n/a	=	9.81	µg/L	EPA 314.0	0.39	2			
2022/23-5	000NONPJ	matrix spike, rec	3/16/2023	Anion	Perchlorate	n/a	=	98	%	EPA 314.0	-88	-88	80	120	
2022/23-5	000NONPJ	matrix spike dup	3/16/2023	Anion	Perchlorate	n/a	=	10.1	µg/L	EPA 314.0	0.39	2			
2022/23-5	000NONPJ	matrix spike dup, rec	3/16/2023	Anion	Perchlorate	n/a	=	101	%	EPA 314.0	-88	-88	80	120	
2022/23-5	000NONPJ	matrix spike, RPD	3/16/2023	Anion	Perchlorate	n/a	=	2	%	EPA 314.0	-88	-88	0	15	
2022/23-5	Lab	method blank	3/16/2023	Anion	Perchlorate	n/a	<	0.39	µg/L	EPA 314.0	0.39	2			
2022/23-5	Lab	LCS	3/16/2023	Anion	Perchlorate	n/a	=	9.34	µg/L	EPA 314.0	0.39	2			
2022/23-5	Lab	LCS, rec	3/16/2023	Anion	Perchlorate	n/a	=	93	%	EPA 314.0	-88	-88	85	115	
2022/23-5	Lab	method blank	3/11/2023	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022/23-5	Lab	method blank	3/11/2023	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Cation	Calcium	Total	=	75.8	mg/L	EPA 200.7	0.0736	0.5			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Cation	Calcium	Total	=	75.4	mg/L	EPA 200.7	0.0736	0.5			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Cation	Calcium	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Cation	Calcium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Cation	Calcium	Total	=	71.2	mg/L	EPA 200.7	0.0736	0.5			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Cation	Calcium	Total	=	72.4	mg/L	EPA 200.7	0.0736	0.5			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2022/23-5	Lab	method blank	3/23/2023	Cation	Calcium	Total	<	0.0736	mg/L	EPA 200.7	0.0736	0.5			
2022/23-5	Lab	LCS	3/23/2023	Cation	Calcium	Total	=	47.7	mg/L	EPA 200.7	0.0736	0.5			
2022/23-5	Lab	LCS, rec	3/23/2023	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Cation	Magnesium	Total	=	60.3	mg/L	EPA 200.7	0.039	0.5			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Cation	Magnesium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Cation	Magnesium	Total	=	60	mg/L	EPA 200.7	0.039	0.5			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Cation	Magnesium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Cation	Magnesium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Cation	Magnesium	Total	=	58.9	mg/L	EPA 200.7	0.039	0.5			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Cation	Magnesium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Cation	Magnesium	Total	=	59.9	mg/L	EPA 200.7	0.039	0.5			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2022/23-5	Lab	method blank	3/23/2023	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2022/23-5	Lab	LCS	3/23/2023	Cation	Magnesium	Total	=	46.8	mg/L	EPA 200.7	0.039	0.5			
2022/23-5	Lab	LCS, rec	3/23/2023	Cation	Magnesium	Total	=	93	%	EPA 200.7	-88	-88	85	115	
2022/23-5	Lab	method blank	3/11/2023	Conventional	Alkalinity as CaCO3	n/a	<	1.9	mg/L	SM 2320 B	1.9	5			
2022/23-5	Lab	LCS	3/11/2023	Conventional	Alkalinity as CaCO3	n/a	=	253	mg/L	SM 2320 B	1.9	5			
2022/23-5	Lab	LCS, rec	3/11/2023	Conventional	Alkalinity as CaCO3	n/a	=	101	%	SM 2320 B	-88	-88	90	110	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	000NONPJ	lab duplicate	3/17/2023	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2		20	
2022/23-5	Lab	method blank	3/17/2023	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-5	Lab	method blank	3/17/2023	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-5	Lab	method blank	3/17/2023	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-5	Lab	LCS	3/17/2023	Conventional	BOD	n/a	=	184	mg/L	SM 5210 B	2	2			
2022/23-5	Lab	LCS, rec	3/17/2023	Conventional	BOD	n/a	=	93	%	SM 5210 B	-88	-88	85	115	
2022/23-5	000NONPJ	lab duplicate	3/23/2023	Conventional	COD	n/a	=	2000	mg/L	EPA 410.4	12	20		15	
2022/23-5	000NONPJ	matrix spike	3/24/2023	Conventional	COD	n/a	=	208	mg/L	EPA 410.4	12	20			
2022/23-5	000NONPJ	matrix spike dup	3/24/2023	Conventional	COD	n/a	=	204	mg/L	EPA 410.4	12	20			
2022/23-5	000NONPJ	matrix spike dup, rec	3/24/2023	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2022/23-5	000NONPJ	matrix spike, rec	3/24/2023	Conventional	COD	n/a	=	104	%	EPA 410.4	-88	-88	90	110	
2022/23-5	000NONPJ	matrix spike, RPD	3/24/2023	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	
2022/23-5	Lab	LCS	3/23/2023	Conventional	COD	n/a	=	104	mg/L	EPA 410.4	2.9	5			
2022/23-5	Lab	LCS, rec	3/23/2023	Conventional	COD	n/a	=	104	%	EPA 410.4	-88	-88	90	110	
2022/23-5	Lab	method blank	3/23/2023	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2022/23-5	ME-SCR	matrix spike	3/23/2023	Conventional	COD	n/a	=	2510	mg/L	EPA 410.4	12	20			
2022/23-5	ME-SCR	matrix spike dup	3/23/2023	Conventional	COD	n/a	=	2610	mg/L	EPA 410.4	12	20			
2022/23-5	ME-SCR	matrix spike dup, rec	3/23/2023	Conventional	COD	n/a	=	105	%	EPA 410.4	-88	-88	90	110	
2022/23-5	ME-SCR	matrix spike, rec	3/23/2023	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	
2022/23-5	ME-SCR	matrix spike, RPD	3/23/2023	Conventional	COD	n/a	=	4	%	EPA 410.4	-88	-88	0	15	
2022/23-5	000NONPJ	matrix spike	3/14/2023	Conventional	Cyanide	Total	=	0.049	mg/L	ASTM D7511	0.0006	0.002			
2022/23-5	000NONPJ	matrix spike, rec	3/14/2023	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	64	136	
2022/23-5	000NONPJ	matrix spike dup	3/14/2023	Conventional	Cyanide	Total	=	0.0495	mg/L	ASTM D7511	0.0006	0.002			
2022/23-5	000NONPJ	matrix spike dup, rec	3/14/2023	Conventional	Cyanide	Total	=	99	%	ASTM D7511	-88	-88	64	136	
2022/23-5	000NONPJ	matrix spike, RPD	3/14/2023	Conventional	Cyanide	Total	=	1	%	ASTM D7511	-88	-88	0	47	
2022/23-5	Lab	LCS	3/14/2023	Conventional	Cyanide	Total	=	0.0544	mg/L	ASTM D7511	0.0006	0.002			
2022/23-5	Lab	LCS, rec	3/14/2023	Conventional	Cyanide	Total	=	109	%	ASTM D7511	-88	-88	84	116	
2022/23-5	Lab	method blank	3/14/2023	Conventional	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002			
2022/23-5	Lab	method blank	3/12/2023	Conventional	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05			
2022/23-5	Lab	LCS	3/12/2023	Conventional	MBAS	n/a	=	0.195	mg/L	SM 5540 C	0.023	0.05			
2022/23-5	Lab	LCS, rec	3/12/2023	Conventional	MBAS	n/a	=	97	%	SM 5540 C	-88	-88	82	115	
2022/23-5	ME-SCR	matrix spike	3/12/2023	Conventional	MBAS	n/a	=	0.209	mg/L	SM 5540 C	0.023	0.05			
2022/23-5	ME-SCR	matrix spike, rec	3/12/2023	Conventional	MBAS	n/a	=	104	%	SM 5540 C	-88	-88	74	123	
2022/23-5	ME-SCR	matrix spike dup	3/12/2023	Conventional	MBAS	n/a	=	0.209	mg/L	SM 5540 C	0.023	0.05			
2022/23-5	ME-SCR	matrix spike dup, rec	3/12/2023	Conventional	MBAS	n/a	=	104	%	SM 5540 C	-88	-88	74	123	
2022/23-5	ME-SCR	matrix spike, RPD	3/12/2023	Conventional	MBAS	n/a	=	0	%	SM 5540 C	-88	-88	0	20	
2022/23-5	000NONPJ	matrix spike	3/26/2023	Conventional	Phenolics	n/a	=	0.248	mg/L	EPA 420.4	0.0068	0.01			
2022/23-5	000NONPJ	matrix spike, rec	3/26/2023	Conventional	Phenolics	n/a	=	99	%	EPA 420.4	-88	-88	90	110	
2022/23-5	000NONPJ	matrix spike dup	3/26/2023	Conventional	Phenolics	n/a	=	0.25	mg/L	EPA 420.4	0.0068	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	3/26/2023	Conventional	Phenolics	n/a	=	100	%	EPA 420.4	-88	-88	90	110	
2022/23-5	000NONPJ	matrix spike, RPD	3/26/2023	Conventional	Phenolics	n/a	=	0.8	%	EPA 420.4	-88	-88	0	20	
2022/23-5	000NONPJ	matrix spike	3/26/2023	Conventional	Phenolics	n/a	=	0.253	mg/L	EPA 420.4	0.0068	0.01			
2022/23-5	000NONPJ	matrix spike, rec	3/26/2023	Conventional	Phenolics	n/a	=	101	%	EPA 420.4	-88	-88	90	110	
2022/23-5	000NONPJ	matrix spike dup	3/26/2023	Conventional	Phenolics	n/a	=	0.252	mg/L	EPA 420.4	0.0068	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	3/26/2023	Conventional	Phenolics	n/a	=	101	%	EPA 420.4	-88	-88	90	110	
2022/23-5	000NONPJ	matrix spike, RPD	3/26/2023	Conventional	Phenolics	n/a	=	0.3	%	EPA 420.4	-88	-88	0	20	
2022/23-5	Lab	method blank	3/26/2023	Conventional	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	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	
2022/23-5	Lab	LCS	3/26/2023	Conventional	Phenolics	n/a	=	0.103	mg/L	EPA 420.4	0.0068	0.01			
2022/23-5	Lab	LCS, rec	3/26/2023	Conventional	Phenolics	n/a	=	103	%	EPA 420.4	-88	-88	90	110	
2022/23-5	000NONPJ	lab duplicate	3/14/2023	Conventional	Specific Conductance	n/a	=	2080	µmhos/cm	SM 2510 B	4.3	8		5	
2022/23-5	Lab	LCS	3/14/2023	Conventional	Specific Conductance	n/a	=	437	µmhos/cm	SM 2510 B	1.1	2			
2022/23-5	Lab	LCS, rec	3/14/2023	Conventional	Specific Conductance	n/a	=	98	%	SM 2510 B	-88	-88	95	105	
2022/23-5	Lab	method blank	3/14/2023	Conventional	Specific Conductance	n/a	<	1.1	µmhos/cm	SM 2510 B	1.1	2			
2022/23-5	000NONPJ	lab duplicate	3/16/2023	Conventional	Total Dissolved Solids	n/a	=	9470	mg/L	SM 2540 C	4	10		10	
2022/23-5	000NONPJ	lab duplicate	3/16/2023	Conventional	Total Dissolved Solids	n/a	=	9170	mg/L	SM 2540 C	4	10		10	
2022/23-5	Lab	LCS	3/16/2023	Conventional	Total Dissolved Solids	n/a	=	816	mg/L	SM 2540 C	4	10			
2022/23-5	Lab	LCS, rec	3/16/2023	Conventional	Total Dissolved Solids	n/a	=	99	%	SM 2540 C	-88	-88	96	102	
2022/23-5	Lab	method blank	3/16/2023	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2022/23-5	000NONPJ	matrix spike	3/14/2023	Conventional	Total Organic Carbon	n/a	=	5.09	mg/L	SM 5310 B	0.19	0.3			
2022/23-5	000NONPJ	matrix spike, rec	3/14/2023	Conventional	Total Organic Carbon	n/a	=	93	%	SM 5310 B	-88	-88	76	115	
2022/23-5	000NONPJ	matrix spike dup	3/14/2023	Conventional	Total Organic Carbon	n/a	=	4.95	mg/L	SM 5310 B	0.19	0.3			
2022/23-5	000NONPJ	matrix spike dup, rec	3/14/2023	Conventional	Total Organic Carbon	n/a	=	90	%	SM 5310 B	-88	-88	76	115	
2022/23-5	000NONPJ	matrix spike, RPD	3/14/2023	Conventional	Total Organic Carbon	n/a	=	3	%	SM 5310 B	-88	-88	0	20	
2022/23-5	Lab	method blank	3/14/2023	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2022/23-5	Lab	LCS	3/14/2023	Conventional	Total Organic Carbon	n/a	=	0.989	mg/L	SM 5310 B	0.19	0.3			
2022/23-5	Lab	LCS, rec	3/14/2023	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 B	-88	-88	85	115	
2022/23-5	000NONPJ	lab duplicate	3/16/2023	Conventional	Total Suspended Solids	n/a	=	26	mg/L	SM 2540 D	-88	5		20	
2022/23-5	Lab	LCS	3/16/2023	Conventional	Total Suspended Solids	n/a	=	59.1	mg/L	SM 2540 D	-88	5			
2022/23-5	Lab	LCS, rec	3/16/2023	Conventional	Total Suspended Solids	n/a	=	91	%	SM 2540 D	-88	-88	90	110	
2022/23-5	Lab	method blank	3/16/2023	Conventional	Total Suspended Solids	n/a	DNQ	1.2	mg/L	SM 2540 D	-88	5			IP
2022/23-5	ME-SCR	lab duplicate	3/16/2023	Conventional	Total Suspended Solids	n/a	=	5300	mg/L	SM 2540 D	-88	5		20	
2022/23-5	Lab	LCS	3/11/2023	Conventional	Turbidity	n/a	=	9.41	NTU	EPA 180.1	0.017	0.1			
2022/23-5	Lab	LCS, rec	3/11/2023	Conventional	Turbidity	n/a	=	94	%	EPA 180.1	-88	-88	90	110	
2022/23-5	Lab	method blank	3/11/2023	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2022/23-5	Lab	LCS	3/11/2023	Conventional	Turbidity	n/a	=	2.14	NTU	EPA 180.1	0.017	0.1			
2022/23-5	Lab	LCS, rec	3/11/2023	Conventional	Turbidity	n/a	=	107	%	EPA 180.1	-88	-88	90	110	
2022/23-5	ME-SCR	lab duplicate	3/11/2023	Conventional	Turbidity	n/a	=	188	NTU	EPA 180.1	0.34	2		10	
2022/23-5	Lab	LCS	3/16/2023	Conventional	Volatile Suspended Solids	n/a	=	44	mg/L	EPA 160.4	0.093	0.15			
2022/23-5	Lab	LCS, rec	3/16/2023	Conventional	Volatile Suspended Solids	n/a	=	95	%	EPA 160.4	-88	-88	90	110	
2022/23-5	Lab	method blank	3/16/2023	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2022/23-5	ME-SCR	lab duplicate	3/16/2023	Conventional	Volatile Suspended Solids	n/a	=	460	mg/L	EPA 160.4	3.1	5		15	
2022/23-5	Lab	method blank	3/20/2023	Hydrocarbon	Diesel Range Organics	n/a	<	0.072	mg/L	EPA 8015B	0.072	0.1			
2022/23-5	Lab	LCS	3/21/2023	Hydrocarbon	Diesel Range Organics	n/a	=	0.423	mg/L	EPA 8015B	0.072	0.1			
2022/23-5	Lab	LCS, rec	3/21/2023	Hydrocarbon	Diesel Range Organics	n/a	=	85	%	EPA 8015B	-88	-88	70	130	
2022/23-5	Lab	LCS dup	3/21/2023	Hydrocarbon	Diesel Range Organics	n/a	=	0.484	mg/L	EPA 8015B	0.072	0.1			
2022/23-5	Lab	LCS dup, rec	3/21/2023	Hydrocarbon	Diesel Range Organics	n/a	=	97	%	EPA 8015B	-88	-88	70	130	
2022/23-5	Lab	LCS, RPD	3/21/2023	Hydrocarbon	Diesel Range Organics	n/a	=	13	%	EPA 8015B	-88	-88	0	25	
2022/23-5	Lab	LCS	3/22/2023	Hydrocarbon	Gasoline Range Organics	n/a	=	0.933	mg/L	EPA 8260B	0.065	0.1			
2022/23-5	Lab	LCS, rec	3/22/2023	Hydrocarbon	Gasoline Range Organics	n/a	=	93	%	EPA 8260B	-88	-88	53	136	
2022/23-5	Lab	LCS dup	3/22/2023	Hydrocarbon	Gasoline Range Organics	n/a	=	0.948	mg/L	EPA 8260B	0.065	0.1			
2022/23-5	Lab	LCS dup, rec	3/22/2023	Hydrocarbon	Gasoline Range Organics	n/a	=	95	%	EPA 8260B	-88	-88	53	136	
2022/23-5	Lab	LCS, RPD	3/22/2023	Hydrocarbon	Gasoline Range Organics	n/a	=	2	%	EPA 8260B	-88	-88	0	25	
2022/23-5	Lab	method blank	3/22/2023	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1			
2022/23-5	Lab	srgt method blank	3/20/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.258	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	
2022/23-5	Lab	srgt method blank, rec	3/20/2023	Hydrocarbon	n-Tetracosane	n/a	=	103	%	EPA 8015B	-88	-88	64	155	
2022/23-5	Lab	srgt LCS	3/21/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.224	mg/L	EPA 8015B	-88	-88			
2022/23-5	Lab	srgt LCS, rec	3/21/2023	Hydrocarbon	n-Tetracosane	n/a	=	90	%	EPA 8015B	-88	-88	64	155	
2022/23-5	Lab	srgt LCS dup	3/21/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.272	mg/L	EPA 8015B	-88	-88			
2022/23-5	Lab	srgt LCS dup, rec	3/21/2023	Hydrocarbon	n-Tetracosane	n/a	=	109	%	EPA 8015B	-88	-88	64	155	
2022/23-5	ME-SCR	srgt environ	3/21/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.245	mg/L	EPA 8015B	-88	-88			
2022/23-5	ME-SCR	srgt environ, rec	3/21/2023	Hydrocarbon	n-Tetracosane	n/a	=	99	%	EPA 8015B	-88	-88	64	155	
2022/23-5	Lab	LCS	4/3/2023	Hydrocarbon	Oil and Grease	n/a	=	14.6	mg/L	EPA 1664B	0.6	4			
2022/23-5	Lab	LCS	4/3/2023	Hydrocarbon	Oil and Grease	n/a	DNQ	3.3	mg/L	EPA 1664B	0.6	4			
2022/23-5	Lab	LCS dup	4/3/2023	Hydrocarbon	Oil and Grease	n/a	=	13	mg/L	EPA 1664B	0.6	4			
2022/23-5	Lab	LCS dup, rec	4/3/2023	Hydrocarbon	Oil and Grease	n/a	=	81	%	EPA 1664B	-88	-88	78	114	
2022/23-5	Lab	LCS, rec	4/3/2023	Hydrocarbon	Oil and Grease	n/a	=	87	%	EPA 1664B	-88	-88	78	114	
2022/23-5	Lab	LCS, rec	4/3/2023	Hydrocarbon	Oil and Grease	n/a	=	91	%	EPA 1664B	-88	-88	78	114	
2022/23-5	Lab	LCS, RPD	4/3/2023	Hydrocarbon	Oil and Grease	n/a	=	12	%	EPA 1664B	-88	-88	0	18	
2022/23-5	Lab	method blank	4/3/2023	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2022/23-5	Lab	method blank	3/20/2023	Hydrocarbon	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5			
2022/23-5	Lab	method blank	3/23/2023	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-5	Lab	LCS	3/23/2023	Metal	Aluminum	Dissolved	=	51.2	µg/L	EPA 200.8	4.4	20			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Aluminum	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Aluminum	Total	=	414	µg/L	EPA 200.8	4.4	20			CT,GB
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Aluminum	Total	=	325	%	EPA 200.8	-88	-88	70	130	CT,GB
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Aluminum	Total	=	398	µg/L	EPA 200.8	4.4	20			CT,GB
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Aluminum	Total	=	292	%	EPA 200.8	-88	-88	70	130	CT,GB
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	CT,GB
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Aluminum	Total	=	1530	µg/L	EPA 200.8	4.4	20			CT,GB
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Aluminum	Total	=	694	%	EPA 200.8	-88	-88	70	130	CT,GB
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Aluminum	Total	=	1510	µg/L	EPA 200.8	4.4	20			CT,GB
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Aluminum	Total	=	645	%	EPA 200.8	-88	-88	70	130	CT,GB
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	CT,GB
2022/23-5	Lab	method blank	3/23/2023	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-5	Lab	LCS	3/23/2023	Metal	Aluminum	Total	=	51.2	µg/L	EPA 200.8	4.4	20			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Aluminum	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-5	Lab	method blank	3/23/2023	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-5	Lab	LCS	3/23/2023	Metal	Antimony	Dissolved	=	50.4	µg/L	EPA 200.8	0.089	0.5			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Antimony	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Antimony	Total	=	49.1	µg/L	EPA 200.8	0.089	0.5			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Antimony	Total	=	48.8	µg/L	EPA 200.8	0.089	0.5			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Antimony	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Antimony	Total	=	48.6	µg/L	EPA 200.8	0.089	0.5			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Antimony	Total	=	48.1	µg/L	EPA 200.8	0.089	0.5			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Antimony	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Antimony	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2022/23-5	Lab	method blank	3/23/2023	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-5	Lab	LCS	3/23/2023	Metal	Antimony	Total	=	50.4	µg/L	EPA 200.8	0.089	0.5			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QA/QC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-5	Lab	method blank	3/23/2023	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-5	Lab	LCS	3/23/2023	Metal	Arsenic	Dissolved	=	51.2	µg/L	EPA 200.8	0.074	0.4			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Arsenic	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Arsenic	Total	=	50.8	µg/L	EPA 200.8	0.074	0.4			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Arsenic	Total	=	49.7	µg/L	EPA 200.8	0.074	0.4			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Arsenic	Total	=	53.6	µg/L	EPA 200.8	0.074	0.4			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Arsenic	Total	=	53.5	µg/L	EPA 200.8	0.074	0.4			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Arsenic	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2022/23-5	Lab	method blank	3/23/2023	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-5	Lab	LCS	3/23/2023	Metal	Arsenic	Total	=	51.2	µg/L	EPA 200.8	0.074	0.4			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Barium	Total	=	65	µg/L	EPA 200.8	0.14	1			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Barium	Total	=	63.8	µg/L	EPA 200.8	0.14	1			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Barium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Barium	Total	=	96.9	µg/L	EPA 200.8	0.14	1			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Barium	Total	=	95	µg/L	EPA 200.8	0.14	1			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Barium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-5	Lab	method blank	3/23/2023	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2022/23-5	Lab	LCS	3/23/2023	Metal	Barium	Total	=	49.4	µg/L	EPA 200.8	0.14	1			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-5	Lab	method blank	3/23/2023	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2022/23-5	Lab	LCS	3/23/2023	Metal	Beryllium	Dissolved	=	46.7	µg/L	EPA 200.8	0.062	0.1			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Beryllium	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Beryllium	Total	=	45.6	µg/L	EPA 200.8	0.029	0.1			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Beryllium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Beryllium	Total	=	44.8	µg/L	EPA 200.8	0.029	0.1			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Beryllium	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Beryllium	Total	=	42.7	µg/L	EPA 200.8	0.029	0.1			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Beryllium	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Beryllium	Total	=	43	µg/L	EPA 200.8	0.029	0.1			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Beryllium	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Beryllium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2022/23-5	Lab	method blank	3/23/2023	Metal	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1			
2022/23-5	Lab	LCS	3/23/2023	Metal	Beryllium	Total	=	46.7	µg/L	EPA 200.8	0.029	0.1			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Beryllium	Total	=	93	%	EPA 200.8	-88	-88	85	115	
2022/23-5	Lab	method blank	3/23/2023	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	LCS	3/23/2023	Metal	Cadmium	Dissolved	=	49.5	µg/L	EPA 200.8	0.042	0.2			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Cadmium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Cadmium	Total	=	48.4	µg/L	EPA 200.8	0.042	0.2			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Cadmium	Total	=	48	µg/L	EPA 200.8	0.042	0.2			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Cadmium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Cadmium	Total	=	48.1	µg/L	EPA 200.8	0.042	0.2			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Cadmium	Total	=	48.1	µg/L	EPA 200.8	0.042	0.2			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Cadmium	Total	=	0.03	%	EPA 200.8	-88	-88	0	30	
2022/23-5	Lab	method blank	3/23/2023	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-5	Lab	LCS	3/23/2023	Metal	Cadmium	Total	=	49.5	µg/L	EPA 200.8	0.042	0.2			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-5	Lab	method blank	3/23/2023	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-5	Lab	LCS	3/23/2023	Metal	Chromium	Dissolved	=	49.1	µg/L	EPA 200.8	0.089	0.2			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Chromium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Chromium	Total	=	50	µg/L	EPA 200.8	0.089	0.2			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Chromium	Total	=	49.3	µg/L	EPA 200.8	0.089	0.2			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Chromium	Total	=	51.7	µg/L	EPA 200.8	0.089	0.2			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Chromium	Total	=	51	µg/L	EPA 200.8	0.089	0.2			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-5	Lab	method blank	3/23/2023	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-5	Lab	LCS	3/23/2023	Metal	Chromium	Total	=	49.1	µg/L	EPA 200.8	0.089	0.2			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-5	000NONPJ	matrix spike	3/22/2023	Metal	Chromium VI	n/a	=	5.52	µg/L	EPA 218.6	0.0079	0.02			
2022/23-5	000NONPJ	matrix spike, rec	3/22/2023	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2022/23-5	000NONPJ	matrix spike dup	3/22/2023	Metal	Chromium VI	n/a	=	5.71	µg/L	EPA 218.6	0.0079	0.02			
2022/23-5	000NONPJ	matrix spike dup, rec	3/22/2023	Metal	Chromium VI	n/a	=	105	%	EPA 218.6	-88	-88	88	112	
2022/23-5	000NONPJ	matrix spike, RPD	3/22/2023	Metal	Chromium VI	n/a	=	3	%	EPA 218.6	-88	-88	0	10	
2022/23-5	000NONPJ	matrix spike	3/22/2023	Metal	Chromium VI	n/a	=	5.69	µg/L	EPA 218.6	0.0079	0.02			
2022/23-5	000NONPJ	matrix spike, rec	3/22/2023	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2022/23-5	000NONPJ	matrix spike dup	3/22/2023	Metal	Chromium VI	n/a	=	5.69	µg/L	EPA 218.6	0.0079	0.02			
2022/23-5	000NONPJ	matrix spike dup, rec	3/22/2023	Metal	Chromium VI	n/a	=	102	%	EPA 218.6	-88	-88	88	112	
2022/23-5	000NONPJ	matrix spike, RPD	3/22/2023	Metal	Chromium VI	n/a	=	0.1	%	EPA 218.6	-88	-88	0	10	
2022/23-5	Lab	method blank	3/22/2023	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2022/23-5	Lab	LCS	3/22/2023	Metal	Chromium VI	n/a	=	4.98	µg/L	EPA 218.6	0.0079	0.02			
2022/23-5	Lab	LCS, rec	3/22/2023	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	90	110	
2022/23-5	Lab	method blank	3/23/2023	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-5	Lab	LCS	3/23/2023	Metal	Copper	Dissolved	=	49.6	µg/L	EPA 200.8	0.23	0.5			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Copper	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Copper	Total	=	50.6	µg/L	EPA 200.8	0.23	0.5			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Copper	Total	=	49.7	µg/L	EPA 200.8	0.23	0.5			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Copper	Total	=	53.2	µg/L	EPA 200.8	0.23	0.5			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Copper	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Copper	Total	=	53	µg/L	EPA 200.8	0.23	0.5			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Copper	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Copper	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2022/23-5	Lab	method blank	3/23/2023	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-5	Lab	LCS	3/23/2023	Metal	Copper	Total	=	49.6	µg/L	EPA 200.8	0.23	0.5			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-5	Lab	method blank	3/23/2023	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-5	Lab	LCS	3/23/2023	Metal	Iron	Dissolved	=	1090	µg/L	EPA 200.8	3.9	20			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Iron	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Iron	Total	=	1480	µg/L	EPA 200.8	3.9	20			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Iron	Total	=	111	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Iron	Total	=	1440	µg/L	EPA 200.8	3.9	20			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Iron	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Iron	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Iron	Total	=	2590	µg/L	EPA 200.8	3.9	20			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Iron	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Iron	Total	=	2650	µg/L	EPA 200.8	3.9	20			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Iron	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Iron	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-5	Lab	method blank	3/23/2023	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-5	Lab	LCS	3/23/2023	Metal	Iron	Total	=	1090	µg/L	EPA 200.8	3.9	20			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Iron	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2022/23-5	Lab	method blank	3/23/2023	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-5	Lab	LCS	3/23/2023	Metal	Lead	Dissolved	=	49.7	µg/L	EPA 200.8	0.083	0.2			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Lead	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Lead	Total	=	49.6	µg/L	EPA 200.8	0.083	0.2			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Lead	Total	=	48.8	µg/L	EPA 200.8	0.083	0.2			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Lead	Total	=	49.4	µg/L	EPA 200.8	0.083	0.2			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Lead	Total	=	49.6	µg/L	EPA 200.8	0.083	0.2			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Lead	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2022/23-5	Lab	method blank	3/23/2023	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-5	Lab	LCS	3/23/2023	Metal	Lead	Total	=	49.7	µg/L	EPA 200.8	0.083	0.2			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-5	000NONPJ	matrix spike	3/28/2023	Metal	Mercury	Dissolved	=	970	ng/L	EPA 245.1	37	50			
2022/23-5	000NONPJ	matrix spike, rec	3/28/2023	Metal	Mercury	Dissolved	=	97	%	EPA 245.1	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	000NONPJ	matrix spike	3/28/2023	Metal	Mercury	Dissolved	=	1020	ng/L	EPA 245.1	37	50			
2022/23-5	000NONPJ	matrix spike, rec	3/28/2023	Metal	Mercury	Dissolved	=	102	%	EPA 245.1	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/28/2023	Metal	Mercury	Dissolved	=	1020	ng/L	EPA 245.1	37	50			
2022/23-5	000NONPJ	matrix spike dup, rec	3/28/2023	Metal	Mercury	Dissolved	=	102	%	EPA 245.1	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/28/2023	Metal	Mercury	Dissolved	=	0.3	%	EPA 245.1	-88	-88	0	20	
2022/23-5	Lab	method blank	3/28/2023	Metal	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50			
2022/23-5	Lab	LCS	3/28/2023	Metal	Mercury	Dissolved	=	1060	ng/L	EPA 245.1	37	50			
2022/23-5	Lab	LCS, rec	3/28/2023	Metal	Mercury	Dissolved	=	106	%	EPA 245.1	-88	-88	85	115	
2022/23-5	000NONPJ	matrix spike	3/28/2023	Metal	Mercury	Total	=	970	ng/L	EPA 245.1	37	50			
2022/23-5	000NONPJ	matrix spike, rec	3/28/2023	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/28/2023	Metal	Mercury	Total	=	1190	ng/L	EPA 245.1	37	50			CT,IL
2022/23-5	000NONPJ	matrix spike dup, rec	3/28/2023	Metal	Mercury	Total	=	119	%	EPA 245.1	-88	-88	70	130	CT,IL
2022/23-5	000NONPJ	matrix spike, RPD	3/28/2023	Metal	Mercury	Total	=	21	%	EPA 245.1	-88	-88	0	20	CT,IL
2022/23-5	000NONPJ	matrix spike	3/28/2023	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	37	50			
2022/23-5	000NONPJ	matrix spike, rec	3/28/2023	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/28/2023	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	37	50			
2022/23-5	000NONPJ	matrix spike dup, rec	3/28/2023	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/28/2023	Metal	Mercury	Total	=	0.3	%	EPA 245.1	-88	-88	0	20	
2022/23-5	Lab	method blank	3/28/2023	Metal	Mercury	Total	<	37	ng/L	EPA 245.1	37	50			
2022/23-5	Lab	LCS	3/28/2023	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	37	50			
2022/23-5	Lab	LCS, rec	3/28/2023	Metal	Mercury	Total	=	106	%	EPA 245.1	-88	-88	85	115	
2022/23-5	Lab	method blank	3/23/2023	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2022/23-5	Lab	LCS	3/23/2023	Metal	Nickel	Dissolved	=	48.9	µg/L	EPA 200.8	0.16	2			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Nickel	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Nickel	Total	=	50.6	µg/L	EPA 200.8	0.4	2			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Nickel	Total	=	49.4	µg/L	EPA 200.8	0.4	2			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Nickel	Total	=	52.8	µg/L	EPA 200.8	0.4	2			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Nickel	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Nickel	Total	=	52.3	µg/L	EPA 200.8	0.4	2			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Nickel	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Nickel	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2022/23-5	Lab	method blank	3/23/2023	Metal	Nickel	Total	<	0.4	µg/L	EPA 200.8	0.4	2			
2022/23-5	Lab	LCS	3/23/2023	Metal	Nickel	Total	=	48.9	µg/L	EPA 200.8	0.4	2			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-5	Lab	method blank	3/23/2023	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-5	Lab	LCS	3/23/2023	Metal	Selenium	Dissolved	=	50.2	µg/L	EPA 200.8	0.067	0.4			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Selenium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Selenium	Total	=	48.8	µg/L	EPA 200.8	0.067	0.4			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Selenium	Total	=	48.5	µg/L	EPA 200.8	0.067	0.4			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Selenium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Selenium	Total	=	48.1	µg/L	EPA 200.8	0.067	0.4			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QA/QC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Selenium	Total	=	47.8	µg/L	EPA 200.8	0.067	0.4			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Selenium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2022/23-5	Lab	method blank	3/23/2023	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-5	Lab	LCS	3/23/2023	Metal	Selenium	Total	=	50.2	µg/L	EPA 200.8	0.067	0.4			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-5	Lab	method blank	3/23/2023	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2022/23-5	Lab	LCS	3/23/2023	Metal	Silver	Dissolved	=	49.2	µg/L	EPA 200.8	0.03	0.2			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Silver	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Silver	Total	=	48.6	µg/L	EPA 200.8	0.055	0.2			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Silver	Total	=	48.1	µg/L	EPA 200.8	0.055	0.2			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Silver	Total	=	47.8	µg/L	EPA 200.8	0.055	0.2			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Silver	Total	=	47.9	µg/L	EPA 200.8	0.055	0.2			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Silver	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2022/23-5	Lab	method blank	3/23/2023	Metal	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2			
2022/23-5	Lab	LCS	3/23/2023	Metal	Silver	Total	=	49.2	µg/L	EPA 200.8	0.055	0.2			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-5	Lab	method blank	3/23/2023	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-5	Lab	LCS	3/23/2023	Metal	Thallium	Dissolved	=	49.8	µg/L	EPA 200.8	0.021	0.2			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Thallium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Thallium	Total	=	49.3	µg/L	EPA 200.8	0.021	0.2			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Thallium	Total	=	48.5	µg/L	EPA 200.8	0.021	0.2			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Thallium	Total	=	48.4	µg/L	EPA 200.8	0.021	0.2			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Thallium	Total	=	48.7	µg/L	EPA 200.8	0.021	0.2			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Thallium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2022/23-5	Lab	method blank	3/23/2023	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-5	Lab	LCS	3/23/2023	Metal	Thallium	Total	=	49.8	µg/L	EPA 200.8	0.021	0.2			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-5	Lab	method blank	3/23/2023	Metal	Zinc	Dissolved	<	1.7	µg/L	EPA 200.8	1.7	10			
2022/23-5	Lab	LCS	3/23/2023	Metal	Zinc	Dissolved	=	49.2	µg/L	EPA 200.8	1.7	10			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Zinc	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Zinc	Total	=	50	µg/L	EPA 200.8	1.7	10			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Zinc	Total	=	48.5	µg/L	EPA 200.8	1.7	10			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Zinc	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Zinc	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Metal	Zinc	Total	=	53.4	µg/L	EPA 200.8	1.7	10			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Metal	Zinc	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Metal	Zinc	Total	=	53.6	µg/L	EPA 200.8	1.7	10			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Metal	Zinc	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Metal	Zinc	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2022/23-5	Lab	method blank	3/23/2023	Metal	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10			
2022/23-5	Lab	LCS	3/23/2023	Metal	Zinc	Total	=	49.2	µg/L	EPA 200.8	1.7	10			
2022/23-5	Lab	LCS, rec	3/23/2023	Metal	Zinc	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-5	000NONPJ	matrix spike	3/20/2023	Nutrient	Ammonia as N	n/a	=	0.628	mg/L	EPA 350.1	0.017	0.1			
2022/23-5	000NONPJ	matrix spike, rec	3/20/2023	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2022/23-5	000NONPJ	matrix spike dup	3/20/2023	Nutrient	Ammonia as N	n/a	=	0.629	mg/L	EPA 350.1	0.017	0.1			
2022/23-5	000NONPJ	matrix spike dup, rec	3/20/2023	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2022/23-5	000NONPJ	matrix spike, RPD	3/20/2023	Nutrient	Ammonia as N	n/a	=	0.1	%	EPA 350.1	-88	-88	0	15	
2022/23-5	000NONPJ	matrix spike	3/20/2023	Nutrient	Ammonia as N	n/a	=	0.265	mg/L	EPA 350.1	0.017	0.1			
2022/23-5	000NONPJ	matrix spike, rec	3/20/2023	Nutrient	Ammonia as N	n/a	=	106	%	EPA 350.1	-88	-88	90	110	
2022/23-5	000NONPJ	matrix spike dup	3/20/2023	Nutrient	Ammonia as N	n/a	=	0.27	mg/L	EPA 350.1	0.017	0.1			
2022/23-5	000NONPJ	matrix spike dup, rec	3/20/2023	Nutrient	Ammonia as N	n/a	=	108	%	EPA 350.1	-88	-88	90	110	
2022/23-5	000NONPJ	matrix spike, RPD	3/20/2023	Nutrient	Ammonia as N	n/a	=	2	%	EPA 350.1	-88	-88	0	15	
2022/23-5	Lab	method blank	3/20/2023	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2022/23-5	Lab	LCS	3/20/2023	Nutrient	Ammonia as N	n/a	=	0.262	mg/L	EPA 350.1	0.017	0.1			
2022/23-5	Lab	LCS, rec	3/20/2023	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2022/23-5	Lab	method blank	3/20/2023	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2022/23-5	Lab	LCS	3/20/2023	Nutrient	Ammonia as N	n/a	=	0.26	mg/L	EPA 350.1	0.017	0.1			
2022/23-5	Lab	LCS, rec	3/20/2023	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	
2022/23-5	000NONPJ	matrix spike	3/15/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	3.63	mg/L	EPA 353.2	0.036	0.2			
2022/23-5	000NONPJ	matrix spike, rec	3/15/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2022/23-5	000NONPJ	matrix spike dup	3/15/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	3.63	mg/L	EPA 353.2	0.036	0.2			
2022/23-5	000NONPJ	matrix spike dup, rec	3/15/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2022/23-5	000NONPJ	matrix spike, RPD	3/15/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2022/23-5	Lab	method blank	3/15/2023	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2022/23-5	Lab	LCS	3/15/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0.992	mg/L	EPA 353.2	0.036	0.2			
2022/23-5	Lab	LCS, rec	3/15/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Nutrient	Phosphorus as P	Dissolved	=	2.34	mg/L	EPA 200.7	0.018	0.05			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Nutrient	Phosphorus as P	Dissolved	=	106	%	EPA 200.7	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Nutrient	Phosphorus as P	Dissolved	=	2.34	mg/L	EPA 200.7	0.018	0.05			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Nutrient	Phosphorus as P	Dissolved	=	105	%	EPA 200.7	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Nutrient	Phosphorus as P	Dissolved	=	0.3	%	EPA 200.7	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Nutrient	Phosphorus as P	Dissolved	=	2.28	mg/L	EPA 200.7	0.018	0.05			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Nutrient	Phosphorus as P	Dissolved	=	106	%	EPA 200.7	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Nutrient	Phosphorus as P	Dissolved	=	2.32	mg/L	EPA 200.7	0.018	0.05			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Nutrient	Phosphorus as P	Dissolved	=	108	%	EPA 200.7	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Nutrient	Phosphorus as P	Dissolved	=	2	%	EPA 200.7	-88	-88	0	30	
2022/23-5	Lab	method blank	3/23/2023	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2022/23-5	Lab	LCS	3/23/2023	Nutrient	Phosphorus as P	Dissolved	=	2.11	mg/L	EPA 200.7	0.018	0.05			
2022/23-5	Lab	LCS, rec	3/23/2023	Nutrient	Phosphorus as P	Dissolved	=	106	%	EPA 200.7	-88	-88	85	115	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Nutrient	Phosphorus as P	Total	=	2.34	mg/L	EPA 200.7	0.018	0.05			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Nutrient	Phosphorus as P	Total	=	2.34	mg/L	EPA 200.7	0.018	0.05			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Nutrient	Phosphorus as P	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Nutrient	Phosphorus as P	Total	=	0.3	%	EPA 200.7	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/23/2023	Nutrient	Phosphorus as P	Total	=	2.28	mg/L	EPA 200.7	0.018	0.05			
2022/23-5	000NONPJ	matrix spike, rec	3/23/2023	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/23/2023	Nutrient	Phosphorus as P	Total	=	2.32	mg/L	EPA 200.7	0.018	0.05			
2022/23-5	000NONPJ	matrix spike dup, rec	3/23/2023	Nutrient	Phosphorus as P	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/23/2023	Nutrient	Phosphorus as P	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2022/23-5	Lab	method blank	3/23/2023	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2022/23-5	Lab	LCS	3/23/2023	Nutrient	Phosphorus as P	Total	=	2.11	mg/L	EPA 200.7	0.018	0.05			
2022/23-5	Lab	LCS, rec	3/23/2023	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	85	115	
2022/23-5	000NONPJ	matrix spike	3/24/2023	Nutrient	TKN	n/a	=	1.08	mg/L	EPA 351.2	0.065	0.1			
2022/23-5	000NONPJ	matrix spike, rec	3/24/2023	Nutrient	TKN	n/a	=	100	%	EPA 351.2	-88	-88	90	110	
2022/23-5	000NONPJ	matrix spike dup	3/24/2023	Nutrient	TKN	n/a	=	1.06	mg/L	EPA 351.2	0.065	0.1			
2022/23-5	000NONPJ	matrix spike dup, rec	3/24/2023	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2022/23-5	000NONPJ	matrix spike, RPD	3/24/2023	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	10	
2022/23-5	000NONPJ	matrix spike	3/24/2023	Nutrient	TKN	n/a	=	1.36	mg/L	EPA 351.2	0.065	0.1			
2022/23-5	000NONPJ	matrix spike, rec	3/24/2023	Nutrient	TKN	n/a	=	100	%	EPA 351.2	-88	-88	90	110	
2022/23-5	000NONPJ	matrix spike dup	3/24/2023	Nutrient	TKN	n/a	=	1.44	mg/L	EPA 351.2	0.065	0.1			
2022/23-5	000NONPJ	matrix spike dup, rec	3/24/2023	Nutrient	TKN	n/a	=	108	%	EPA 351.2	-88	-88	90	110	
2022/23-5	000NONPJ	matrix spike, RPD	3/24/2023	Nutrient	TKN	n/a	=	6	%	EPA 351.2	-88	-88	0	10	
2022/23-5	Lab	method blank	3/24/2023	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2022/23-5	Lab	LCS	3/24/2023	Nutrient	TKN	n/a	=	1.02	mg/L	EPA 351.2	0.065	0.1			
2022/23-5	Lab	LCS, rec	3/24/2023	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2022/23-5	Lab	method blank	3/24/2023	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2022/23-5	Lab	LCS	3/24/2023	Nutrient	TKN	n/a	=	1.03	mg/L	EPA 351.2	0.065	0.1			
2022/23-5	Lab	LCS, rec	3/24/2023	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2022/23-5	Lab	method blank	4/9/2023	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	19.3	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	96	%	EPA 625.1	-88	-88	57	130	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	18.7	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	94	%	EPA 625.1	-88	-88	57	130	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	19.5	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	98	%	EPA 625.1	-88	-88	57	130	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	19.2	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	96	%	EPA 625.1	-88	-88	57	130	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	method blank	4/9/2023	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	1,2-Dichlorobenzene	n/a	=	18.2	µg/L	EPA 625.1	0.46	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	1,2-Dichlorobenzene	n/a	=	91	%	EPA 625.1	-88	-88	57	120	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	1,2-Dichlorobenzene	n/a	=	18.1	µg/L	EPA 625.1	0.46	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	1,2-Dichlorobenzene	n/a	=	91	%	EPA 625.1	-88	-88	57	120	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	1,2-Dichlorobenzene	n/a	=	0.6	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	1,2-Dichlorobenzene	n/a	=	18.4	µg/L	EPA 625.1	0.46	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	1,2-Dichlorobenzene	n/a	=	92	%	EPA 625.1	-88	-88	57	120	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	1,2-Dichlorobenzene	n/a	=	17.9	µg/L	EPA 625.1	0.46	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	1,2-Dichlorobenzene	n/a	=	90	%	EPA 625.1	-88	-88	57	120	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	1,2-Dichlorobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-5	Lab	method blank	4/9/2023	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2022/23-5	Lab	method blank	4/13/2023	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2022/23-5	Lab	method blank	4/9/2023	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	1,3-Dichlorobenzene	n/a	=	18.2	µg/L	EPA 625.1	0.42	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	1,3-Dichlorobenzene	n/a	=	91	%	EPA 625.1	-88	-88	55	120	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	1,3-Dichlorobenzene	n/a	=	17.8	µg/L	EPA 625.1	0.42	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	1,3-Dichlorobenzene	n/a	=	89	%	EPA 625.1	-88	-88	55	120	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	1,3-Dichlorobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	1,3-Dichlorobenzene	n/a	=	18.1	µg/L	EPA 625.1	0.42	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	1,3-Dichlorobenzene	n/a	=	91	%	EPA 625.1	-88	-88	55	120	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	1,3-Dichlorobenzene	n/a	=	17.8	µg/L	EPA 625.1	0.42	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	1,3-Dichlorobenzene	n/a	=	89	%	EPA 625.1	-88	-88	55	120	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	1,3-Dichlorobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2022/23-5	000NONPJ	srgt matrix spike	4/1/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.349	µg/L	EPA 625.1m	-88	-88			
2022/23-5	000NONPJ	srgt matrix spike, rec	4/1/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	70	%	EPA 625.1m	-88	-88	23	148	
2022/23-5	000NONPJ	srgt matrix spike dup	4/1/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.444	µg/L	EPA 625.1m	-88	-88			
2022/23-5	000NONPJ	srgt matrix spike dup, rec	4/1/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	89	%	EPA 625.1m	-88	-88	23	148	
2022/23-5	Lab	srgt LCS	3/31/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.491	µg/L	EPA 625.1m	-88	-88			
2022/23-5	Lab	srgt LCS, rec	3/31/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 625.1m	-88	-88	23	148	
2022/23-5	Lab	srgt method blank	4/1/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.52	µg/L	EPA 625.1m	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/1/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 625.1m	-88	-88	23	148	
2022/23-5	Lab	srgt method blank	4/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.09	µg/L	EPA 525.2	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	srgt LCS	4/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.98	µg/L	EPA 525.2	-88	-88			
2022/23-5	Lab	srgt LCS, rec	4/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	srgt LCS dup	4/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.02	µg/L	EPA 525.2	-88	-88			
2022/23-5	Lab	srgt LCS dup, rec	4/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2022/23-5	ME-SCR	srgt environ	4/1/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.48	µg/L	EPA 625.1m	-88	-88			
2022/23-5	ME-SCR	srgt environ, rec	4/1/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 625.1m	-88	-88	23	148	
2022/23-5	ME-SCR	srgt environ	4/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	126	µg/L	EPA 525.2	-88	-88			
2022/23-5	ME-SCR	srgt environ, rec	4/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	method blank	4/9/2023	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	1,4-Dichlorobenzene	n/a	=	18.1	µg/L	EPA 625.1	0.48	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	1,4-Dichlorobenzene	n/a	=	90	%	EPA 625.1	-88	-88	55	120	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	1,4-Dichlorobenzene	n/a	=	17.8	µg/L	EPA 625.1	0.48	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	1,4-Dichlorobenzene	n/a	=	89	%	EPA 625.1	-88	-88	55	120	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	1,4-Dichlorobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	1,4-Dichlorobenzene	n/a	=	18.2	µg/L	EPA 625.1	0.48	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	1,4-Dichlorobenzene	n/a	=	91	%	EPA 625.1	-88	-88	55	120	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	1,4-Dichlorobenzene	n/a	=	17.8	µg/L	EPA 625.1	0.48	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	1,4-Dichlorobenzene	n/a	=	89	%	EPA 625.1	-88	-88	55	120	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	1,4-Dichlorobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	method blank	4/4/2023	Organic	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1			
2022/23-5	Lab	method blank	4/18/2023	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2022/23-5	000NONPJ	srgt matrix spike	4/18/2023	Organic	2,4,6-Tribromophenol	n/a	=	35.2	µg/L	EPA 8270C	-88	-88			
2022/23-5	000NONPJ	srgt matrix spike, rec	4/18/2023	Organic	2,4,6-Tribromophenol	n/a	=	90	%	EPA 8270C	-88	-88	26	117	
2022/23-5	000NONPJ	srgt matrix spike dup	4/18/2023	Organic	2,4,6-Tribromophenol	n/a	=	34.2	µg/L	EPA 8270C	-88	-88			
2022/23-5	000NONPJ	srgt matrix spike dup, rec	4/18/2023	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 8270C	-88	-88	26	117	
2022/23-5	Lab	srgt method blank	4/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	40.8	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	102	%	EPA 625.1	-88	-88	25	120	
2022/23-5	Lab	srgt LCS	4/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	44.9	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt LCS, rec	4/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	112	%	EPA 625.1	-88	-88	25	120	
2022/23-5	Lab	srgt LCS dup	4/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	43.1	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt LCS dup, rec	4/9/2023	Organic	2,4,6-Tribromophenol	n/a	=	108	%	EPA 625.1	-88	-88	25	120	
2022/23-5	Lab	srgt LCS	4/13/2023	Organic	2,4,6-Tribromophenol	n/a	=	40.4	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt LCS, rec	4/13/2023	Organic	2,4,6-Tribromophenol	n/a	=	101	%	EPA 625.1	-88	-88	25	120	
2022/23-5	Lab	srgt LCS dup	4/13/2023	Organic	2,4,6-Tribromophenol	n/a	=	39.1	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt LCS dup, rec	4/13/2023	Organic	2,4,6-Tribromophenol	n/a	=	98	%	EPA 625.1	-88	-88	25	120	
2022/23-5	Lab	srgt method blank	4/13/2023	Organic	2,4,6-Tribromophenol	n/a	=	39.3	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/13/2023	Organic	2,4,6-Tribromophenol	n/a	=	98	%	EPA 625.1	-88	-88	25	120	
2022/23-5	Lab	srgt method blank	4/18/2023	Organic	2,4,6-Tribromophenol	n/a	=	36.1	µg/L	EPA 8270C	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/18/2023	Organic	2,4,6-Tribromophenol	n/a	=	90	%	EPA 8270C	-88	-88	26	117	
2022/23-5	Lab	srgt LCS	4/18/2023	Organic	2,4,6-Tribromophenol	n/a	=	35.7	µg/L	EPA 8270C	-88	-88			
2022/23-5	Lab	srgt LCS, rec	4/18/2023	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 8270C	-88	-88	26	117	
2022/23-5	ME-SCR	srgt environ	4/10/2023	Organic	2,4,6-Tribromophenol	n/a	=	36.9	µg/L	EPA 625.1	-88	-88			
2022/23-5	ME-SCR	srgt environ, rec	4/10/2023	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 625.1	-88	-88	25	120	
2022/23-5	ME-SCR	srgt environ	4/18/2023	Organic	2,4,6-Tribromophenol	n/a	=	6.44	µg/L	EPA 8270C	-88	-88			
2022/23-5	ME-SCR	srgt environ, rec	4/18/2023	Organic	2,4,6-Tribromophenol	n/a	=	57	%	EPA 8270C	-88	-88	26	117	
2022/23-5	Lab	method blank	4/9/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	2,4,6-Trichlorophenol	n/a	=	23.8	µg/L	EPA 625.1	0.22	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	2,4,6-Trichlorophenol	n/a	=	119	%	EPA 625.1	-88	-88	52	129	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	2,4,6-Trichlorophenol	n/a	=	23.5	µg/L	EPA 625.1	0.22	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	2,4,6-Trichlorophenol	n/a	=	117	%	EPA 625.1	-88	-88	52	129	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	2,4,6-Trichlorophenol	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	2,4,6-Trichlorophenol	n/a	=	22	µg/L	EPA 625.1	0.22	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	2,4,6-Trichlorophenol	n/a	=	110	%	EPA 625.1	-88	-88	52	129	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	2,4,6-Trichlorophenol	n/a	=	21.9	µg/L	EPA 625.1	0.22	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	2,4,6-Trichlorophenol	n/a	=	109	%	EPA 625.1	-88	-88	52	129	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	2,4,6-Trichlorophenol	n/a	=	0.5	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-5	Lab	method blank	4/18/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2022/23-5	Lab	LCS	4/18/2023	Organic	2,4,6-Trichlorophenol	n/a	=	20.1	µg/L	EPA 8270C	0.3	1			
2022/23-5	Lab	LCS, rec	4/18/2023	Organic	2,4,6-Trichlorophenol	n/a	=	100	%	EPA 8270C	-88	-88	30	115	
2022/23-5	Lab	method blank	4/9/2023	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	2,4-Dichlorophenol	n/a	=	21.7	µg/L	EPA 625.1	0.26	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	2,4-Dichlorophenol	n/a	=	109	%	EPA 625.1	-88	-88	53	122	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	2,4-Dichlorophenol	n/a	=	21.4	µg/L	EPA 625.1	0.26	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	2,4-Dichlorophenol	n/a	=	107	%	EPA 625.1	-88	-88	53	122	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	2,4-Dichlorophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	

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Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	LCS	4/13/2023	Organic	2,4-Dichlorophenol	n/a	=	21.3	µg/L	EPA 625.1	0.26	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	2,4-Dichlorophenol	n/a	=	107	%	EPA 625.1	-88	-88	53	122	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	2,4-Dichlorophenol	n/a	=	21	µg/L	EPA 625.1	0.26	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	2,4-Dichlorophenol	n/a	=	105	%	EPA 625.1	-88	-88	53	122	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	2,4-Dichlorophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-5	Lab	method blank	4/18/2023	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2022/23-5	Lab	LCS	4/18/2023	Organic	2,4-Dichlorophenol	n/a	=	19.6	µg/L	EPA 8270C	0.51	1			
2022/23-5	Lab	LCS, rec	4/18/2023	Organic	2,4-Dichlorophenol	n/a	=	98	%	EPA 8270C	-88	-88	32	105	
2022/23-5	000NONPJ	srgt matrix spike	3/25/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.4	-88	-88			
2022/23-5	000NONPJ	srgt matrix spike, rec	3/25/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	srgt matrix spike dup	3/25/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.4	-88	-88			
2022/23-5	000NONPJ	srgt matrix spike dup, rec	3/25/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-5	Lab	srgt method blank	3/25/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.29	µg/L	EPA 515.4	-88	-88			
2022/23-5	Lab	srgt method blank, rec	3/25/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2022/23-5	Lab	srgt LCS	3/25/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.8	µg/L	EPA 515.4	-88	-88			
2022/23-5	Lab	srgt LCS, rec	3/25/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2022/23-5	ME-SCR	srgt environ	3/26/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.6	µg/L	EPA 515.4	-88	-88			
2022/23-5	ME-SCR	srgt environ, rec	3/26/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2022/23-5	Lab	method blank	4/9/2023	Organic	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	2,4-Dimethylphenol	n/a	=	17.9	µg/L	EPA 625.1	0.76	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	2,4-Dimethylphenol	n/a	=	89	%	EPA 625.1	-88	-88	42	120	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	2,4-Dimethylphenol	n/a	=	19.6	µg/L	EPA 625.1	0.76	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	2,4-Dimethylphenol	n/a	=	98	%	EPA 625.1	-88	-88	42	120	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	2,4-Dimethylphenol	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	2,4-Dimethylphenol	n/a	=	9.72	µg/L	EPA 625.1	0.76	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	2,4-Dimethylphenol	n/a	=	49	%	EPA 625.1	-88	-88	42	120	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	2,4-Dimethylphenol	n/a	=	15.8	µg/L	EPA 625.1	0.76	1			IL
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	2,4-Dimethylphenol	n/a	=	79	%	EPA 625.1	-88	-88	42	120	IL
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	2,4-Dimethylphenol	n/a	=	48	%	EPA 625.1	-88	-88	0	30	IL
2022/23-5	Lab	method blank	4/13/2023	Organic	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1			
2022/23-5	Lab	method blank	4/18/2023	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-5	Lab	LCS	4/18/2023	Organic	2,4-Dimethylphenol	n/a	=	19	µg/L	EPA 8270C	1	2			
2022/23-5	Lab	LCS, rec	4/18/2023	Organic	2,4-Dimethylphenol	n/a	=	95	%	EPA 8270C	-88	-88	31	97	
2022/23-5	Lab	method blank	4/9/2023	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2022/23-5	Lab	LCS	4/9/2023	Organic	2,4-Dinitrophenol	n/a	=	17.5	µg/L	EPA 625.1	1.9	10			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	2,4-Dinitrophenol	n/a	=	88	%	EPA 625.1	-88	-88	0.1	173	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	2,4-Dinitrophenol	n/a	=	17.9	µg/L	EPA 625.1	1.9	10			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	2,4-Dinitrophenol	n/a	=	90	%	EPA 625.1	-88	-88	0.1	173	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	2,4-Dinitrophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	2,4-Dinitrophenol	n/a	=	20.6	µg/L	EPA 625.1	1.9	10			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	2,4-Dinitrophenol	n/a	=	103	%	EPA 625.1	-88	-88	0.1	173	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	2,4-Dinitrophenol	n/a	=	20	µg/L	EPA 625.1	1.9	10			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	2,4-Dinitrophenol	n/a	=	100	%	EPA 625.1	-88	-88	0.1	173	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	2,4-Dinitrophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2022/23-5	Lab	method blank	4/18/2023	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			

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Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	LCS	4/18/2023	Organic	2,4-Dinitrophenol	n/a	=	20.3	µg/L	EPA 8270C	1	2			
2022/23-5	Lab	LCS, rec	4/18/2023	Organic	2,4-Dinitrophenol	n/a	=	101	%	EPA 8270C	-88	-88	7	155	
2022/23-5	Lab	method blank	4/9/2023	Organic	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	2,4-Dinitrotoluene	n/a	=	21	µg/L	EPA 625.1	0.46	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	2,4-Dinitrotoluene	n/a	=	105	%	EPA 625.1	-88	-88	48	127	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	2,4-Dinitrotoluene	n/a	=	20.4	µg/L	EPA 625.1	0.46	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	2,4-Dinitrotoluene	n/a	=	102	%	EPA 625.1	-88	-88	48	127	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	2,4-Dinitrotoluene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	2,4-Dinitrotoluene	n/a	=	19.6	µg/L	EPA 625.1	0.46	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	2,4-Dinitrotoluene	n/a	=	98	%	EPA 625.1	-88	-88	48	127	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	2,4-Dinitrotoluene	n/a	=	18.5	µg/L	EPA 625.1	0.46	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	2,4-Dinitrotoluene	n/a	=	93	%	EPA 625.1	-88	-88	48	127	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	2,4-Dinitrotoluene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-5	Lab	method blank	4/9/2023	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	2,6-Dinitrotoluene	n/a	=	21.3	µg/L	EPA 625.1	0.27	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	2,6-Dinitrotoluene	n/a	=	106	%	EPA 625.1	-88	-88	68	137	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	2,6-Dinitrotoluene	n/a	=	21.7	µg/L	EPA 625.1	0.27	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	2,6-Dinitrotoluene	n/a	=	108	%	EPA 625.1	-88	-88	68	137	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	2,6-Dinitrotoluene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	2,6-Dinitrotoluene	n/a	=	22.4	µg/L	EPA 625.1	0.27	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	2,6-Dinitrotoluene	n/a	=	112	%	EPA 625.1	-88	-88	68	137	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	2,6-Dinitrotoluene	n/a	=	21.5	µg/L	EPA 625.1	0.27	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	2,6-Dinitrotoluene	n/a	=	107	%	EPA 625.1	-88	-88	68	137	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	2,6-Dinitrotoluene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-5	Lab	method blank	4/9/2023	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	2-Chloronaphthalene	n/a	=	20.3	µg/L	EPA 625.1	0.45	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	2-Chloronaphthalene	n/a	=	102	%	EPA 625.1	-88	-88	65	120	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	2-Chloronaphthalene	n/a	=	20	µg/L	EPA 625.1	0.45	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	2-Chloronaphthalene	n/a	=	100	%	EPA 625.1	-88	-88	65	120	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	2-Chloronaphthalene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	2-Chloronaphthalene	n/a	=	20.2	µg/L	EPA 625.1	0.45	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	2-Chloronaphthalene	n/a	=	101	%	EPA 625.1	-88	-88	65	120	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	2-Chloronaphthalene	n/a	=	19.8	µg/L	EPA 625.1	0.45	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	2-Chloronaphthalene	n/a	=	99	%	EPA 625.1	-88	-88	65	120	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	2-Chloronaphthalene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2022/23-5	000NONPJ	matrix spike	4/18/2023	Organic	2-Chlorophenol	n/a	=	17.3	µg/L	EPA 8270C	0.65	1			
2022/23-5	000NONPJ	matrix spike, rec	4/18/2023	Organic	2-Chlorophenol	n/a	=	89	%	EPA 8270C	-88	-88	12	106	
2022/23-5	000NONPJ	matrix spike dup	4/18/2023	Organic	2-Chlorophenol	n/a	=	18.1	µg/L	EPA 8270C	0.65	1			
2022/23-5	000NONPJ	matrix spike dup, rec	4/18/2023	Organic	2-Chlorophenol	n/a	=	92	%	EPA 8270C	-88	-88	12	106	
2022/23-5	000NONPJ	matrix spike, RPD	4/18/2023	Organic	2-Chlorophenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	2-Chlorophenol	n/a	=	19.5	µg/L	EPA 625.1	0.28	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	2-Chlorophenol	n/a	=	98	%	EPA 625.1	-88	-88	36	120	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	2-Chlorophenol	n/a	=	19.1	µg/L	EPA 625.1	0.28	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	2-Chlorophenol	n/a	=	96	%	EPA 625.1	-88	-88	36	120	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	2-Chlorophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	2-Chlorophenol	n/a	=	18.9	µg/L	EPA 625.1	0.28	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	2-Chlorophenol	n/a	=	95	%	EPA 625.1	-88	-88	36	120	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	2-Chlorophenol	n/a	=	18.7	µg/L	EPA 625.1	0.28	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	2-Chlorophenol	n/a	=	94	%	EPA 625.1	-88	-88	36	120	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	2-Chlorophenol	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2022/23-5	Lab	method blank	4/18/2023	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2022/23-5	Lab	LCS	4/18/2023	Organic	2-Chlorophenol	n/a	=	18.1	µg/L	EPA 8270C	0.65	1			EUM
2022/23-5	Lab	LCS, rec	4/18/2023	Organic	2-Chlorophenol	n/a	=	91	%	EPA 8270C	-88	-88	27	90	EUM
2022/23-5	Lab	srgt method blank	4/4/2023	Organic	2-Fluorobiphenyl	n/a	=	18.9	µg/L	EPA 8270C	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/4/2023	Organic	2-Fluorobiphenyl	n/a	=	94	%	EPA 8270C	-88	-88	51	139	
2022/23-5	Lab	srgt LCS	4/4/2023	Organic	2-Fluorobiphenyl	n/a	=	4.43	µg/L	EPA 8270C	-88	-88			
2022/23-5	Lab	srgt LCS, rec	4/4/2023	Organic	2-Fluorobiphenyl	n/a	=	89	%	EPA 8270C	-88	-88	51	139	
2022/23-5	Lab	srgt LCS dup	4/4/2023	Organic	2-Fluorobiphenyl	n/a	=	4.83	µg/L	EPA 8270C	-88	-88			
2022/23-5	Lab	srgt LCS dup, rec	4/4/2023	Organic	2-Fluorobiphenyl	n/a	=	97	%	EPA 8270C	-88	-88	51	139	
2022/23-5	Lab	srgt method blank	4/9/2023	Organic	2-Fluorobiphenyl	n/a	=	18.1	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/9/2023	Organic	2-Fluorobiphenyl	n/a	=	90	%	EPA 625.1	-88	-88	22	120	
2022/23-5	Lab	srgt LCS	4/9/2023	Organic	2-Fluorobiphenyl	n/a	=	18.1	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt LCS, rec	4/9/2023	Organic	2-Fluorobiphenyl	n/a	=	90	%	EPA 625.1	-88	-88	22	120	
2022/23-5	Lab	srgt LCS dup	4/9/2023	Organic	2-Fluorobiphenyl	n/a	=	17.5	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt LCS dup, rec	4/9/2023	Organic	2-Fluorobiphenyl	n/a	=	88	%	EPA 625.1	-88	-88	22	120	
2022/23-5	Lab	srgt LCS	4/13/2023	Organic	2-Fluorobiphenyl	n/a	=	17.9	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt LCS, rec	4/13/2023	Organic	2-Fluorobiphenyl	n/a	=	89	%	EPA 625.1	-88	-88	22	120	
2022/23-5	Lab	srgt LCS dup	4/13/2023	Organic	2-Fluorobiphenyl	n/a	=	17.3	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt LCS dup, rec	4/13/2023	Organic	2-Fluorobiphenyl	n/a	=	87	%	EPA 625.1	-88	-88	22	120	
2022/23-5	Lab	srgt method blank	4/13/2023	Organic	2-Fluorobiphenyl	n/a	=	18	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/13/2023	Organic	2-Fluorobiphenyl	n/a	=	90	%	EPA 625.1	-88	-88	22	120	
2022/23-5	ME-SCR	srgt environ	4/4/2023	Organic	2-Fluorobiphenyl	n/a	=	185	µg/L	EPA 8270C	-88	-88			
2022/23-5	ME-SCR	srgt environ, rec	4/4/2023	Organic	2-Fluorobiphenyl	n/a	=	93	%	EPA 8270C	-88	-88	51	139	
2022/23-5	ME-SCR	srgt environ	4/10/2023	Organic	2-Fluorobiphenyl	n/a	=	15.5	µg/L	EPA 625.1	-88	-88			
2022/23-5	ME-SCR	srgt environ, rec	4/10/2023	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625.1	-88	-88	22	120	
2022/23-5	000NONPJ	srgt matrix spike	4/18/2023	Organic	2-Fluorophenol	n/a	=	22.9	µg/L	EPA 8270C	-88	-88			
2022/23-5	000NONPJ	srgt matrix spike, rec	4/18/2023	Organic	2-Fluorophenol	n/a	=	59	%	EPA 8270C	-88	-88	11	62	
2022/23-5	000NONPJ	srgt matrix spike dup	4/18/2023	Organic	2-Fluorophenol	n/a	=	23.7	µg/L	EPA 8270C	-88	-88			
2022/23-5	000NONPJ	srgt matrix spike dup, rec	4/18/2023	Organic	2-Fluorophenol	n/a	=	60	%	EPA 8270C	-88	-88	11	62	
2022/23-5	Lab	srgt method blank	4/9/2023	Organic	2-Fluorophenol	n/a	=	29.5	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/9/2023	Organic	2-Fluorophenol	n/a	=	74	%	EPA 625.1	-88	-88	17	120	
2022/23-5	Lab	srgt LCS	4/9/2023	Organic	2-Fluorophenol	n/a	=	27	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt LCS, rec	4/9/2023	Organic	2-Fluorophenol	n/a	=	67	%	EPA 625.1	-88	-88	17	120	
2022/23-5	Lab	srgt LCS dup	4/9/2023	Organic	2-Fluorophenol	n/a	=	25.8	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt LCS dup, rec	4/9/2023	Organic	2-Fluorophenol	n/a	=	65	%	EPA 625.1	-88	-88	17	120	
2022/23-5	Lab	srgt LCS	4/13/2023	Organic	2-Fluorophenol	n/a	=	19.5	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt LCS, rec	4/13/2023	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625.1	-88	-88	17	120	
2022/23-5	Lab	srgt LCS dup	4/13/2023	Organic	2-Fluorophenol	n/a	=	20.1	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt LCS dup, rec	4/13/2023	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625.1	-88	-88	17	120	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	srgt method blank	4/13/2023	Organic	2-Fluorophenol	n/a	=	23.1	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/13/2023	Organic	2-Fluorophenol	n/a	=	58	%	EPA 625.1	-88	-88	17	120	
2022/23-5	Lab	srgt method blank	4/18/2023	Organic	2-Fluorophenol	n/a	=	23.6	µg/L	EPA 8270C	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/18/2023	Organic	2-Fluorophenol	n/a	=	59	%	EPA 8270C	-88	-88	11	62	
2022/23-5	Lab	srgt LCS	4/18/2023	Organic	2-Fluorophenol	n/a	=	22.4	µg/L	EPA 8270C	-88	-88			
2022/23-5	Lab	srgt LCS, rec	4/18/2023	Organic	2-Fluorophenol	n/a	=	56	%	EPA 8270C	-88	-88	11	62	
2022/23-5	ME-SCR	srgt environ	4/10/2023	Organic	2-Fluorophenol	n/a	=	26.3	µg/L	EPA 625.1	-88	-88			
2022/23-5	ME-SCR	srgt environ, rec	4/10/2023	Organic	2-Fluorophenol	n/a	=	61	%	EPA 625.1	-88	-88	17	120	
2022/23-5	ME-SCR	srgt environ	4/18/2023	Organic	2-Fluorophenol	n/a	=	5.48	µg/L	EPA 8270C	-88	-88			
2022/23-5	ME-SCR	srgt environ, rec	4/18/2023	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270C	-88	-88	11	62	
2022/23-5	Lab	method blank	4/4/2023	Organic	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-5	Lab	method blank	4/18/2023	Organic	2-Methylnaphthalene	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2022/23-5	Lab	method blank	4/9/2023	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	2-Nitrophenol	n/a	=	22.9	µg/L	EPA 625.1	0.26	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	2-Nitrophenol	n/a	=	114	%	EPA 625.1	-88	-88	45	167	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	2-Nitrophenol	n/a	=	22.5	µg/L	EPA 625.1	0.26	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	2-Nitrophenol	n/a	=	112	%	EPA 625.1	-88	-88	45	167	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	2-Nitrophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	2-Nitrophenol	n/a	=	21.2	µg/L	EPA 625.1	0.26	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	2-Nitrophenol	n/a	=	106	%	EPA 625.1	-88	-88	45	167	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	2-Nitrophenol	n/a	=	20.4	µg/L	EPA 625.1	0.26	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	2-Nitrophenol	n/a	=	102	%	EPA 625.1	-88	-88	45	167	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	2-Nitrophenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-5	Lab	method blank	4/18/2023	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2022/23-5	Lab	LCS	4/18/2023	Organic	2-Nitrophenol	n/a	=	19.6	µg/L	EPA 8270C	0.71	1			
2022/23-5	Lab	LCS, rec	4/18/2023	Organic	2-Nitrophenol	n/a	=	98	%	EPA 8270C	-88	-88	33	103	
2022/23-5	Lab	method blank	4/9/2023	Organic	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5			
2022/23-5	Lab	LCS	4/9/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	14.7	µg/L	EPA 625.1	2.5	5			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	74	%	EPA 625.1	-88	-88	8	213	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	16.1	µg/L	EPA 625.1	2.5	5			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	80	%	EPA 625.1	-88	-88	8	213	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	11.3	µg/L	EPA 625.1	2.5	5			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	57	%	EPA 625.1	-88	-88	8	213	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	13.8	µg/L	EPA 625.1	2.5	5			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	69	%	EPA 625.1	-88	-88	8	213	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5			
2022/23-5	Lab	method blank	4/18/2023	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2022/23-5	Lab	method blank	4/9/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5			
2022/23-5	Lab	LCS	4/9/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	19.7	µg/L	EPA 625.1	0.5	5			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	98	%	EPA 625.1	-88	-88	53	130	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	19.7	µg/L	EPA 625.1	0.5	5			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	98	%	EPA 625.1	-88	-88	53	130	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	0.1	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	21.1	µg/L	EPA 625.1	0.5	5			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	105	%	EPA 625.1	-88	-88	53	130	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.5	µg/L	EPA 625.1	0.5	5			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	102	%	EPA 625.1	-88	-88	53	130	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5			
2022/23-5	Lab	method blank	4/18/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2022/23-5	Lab	LCS	4/18/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.4	µg/L	EPA 8270C	0.14	1			
2022/23-5	Lab	LCS, rec	4/18/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	102	%	EPA 8270C	-88	-88	33	118	
2022/23-5	Lab	srgt LCS	3/22/2023	Organic	4-Bromofluorobenzene	n/a	=	50.2	µg/L	EPA 8260B	-88	-88			
2022/23-5	Lab	srgt LCS, rec	3/22/2023	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2022/23-5	Lab	srgt LCS dup	3/22/2023	Organic	4-Bromofluorobenzene	n/a	=	51.3	µg/L	EPA 8260B	-88	-88			
2022/23-5	Lab	srgt LCS dup, rec	3/22/2023	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 8260B	-88	-88	83	110	
2022/23-5	Lab	srgt method blank	3/22/2023	Organic	4-Bromofluorobenzene	n/a	=	49.5	µg/L	EPA 8260B	-88	-88			
2022/23-5	Lab	srgt method blank, rec	3/22/2023	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 8260B	-88	-88	83	110	
2022/23-5	ME-SCR	srgt environ	3/22/2023	Organic	4-Bromofluorobenzene	n/a	=	49.9	µg/L	EPA 8260B	-88	-88			
2022/23-5	ME-SCR	srgt environ, rec	3/22/2023	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2022/23-5	Lab	method blank	4/9/2023	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	22.5	µg/L	EPA 625.1	0.36	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	113	%	EPA 625.1	-88	-88	65	120	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	21.9	µg/L	EPA 625.1	0.36	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	110	%	EPA 625.1	-88	-88	65	120	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	21.5	µg/L	EPA 625.1	0.36	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	108	%	EPA 625.1	-88	-88	65	120	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	20.3	µg/L	EPA 625.1	0.36	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	102	%	EPA 625.1	-88	-88	65	120	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-5	000NONPJ	matrix spike	4/18/2023	Organic	4-Chloro-3-methylphenol	n/a	=	19.1	µg/L	EPA 8270C	0.37	1			
2022/23-5	000NONPJ	matrix spike, rec	4/18/2023	Organic	4-Chloro-3-methylphenol	n/a	=	98	%	EPA 8270C	-88	-88	9	127	
2022/23-5	000NONPJ	matrix spike dup	4/18/2023	Organic	4-Chloro-3-methylphenol	n/a	=	19.4	µg/L	EPA 8270C	0.37	1			
2022/23-5	000NONPJ	matrix spike dup, rec	4/18/2023	Organic	4-Chloro-3-methylphenol	n/a	=	99	%	EPA 8270C	-88	-88	9	127	
2022/23-5	000NONPJ	matrix spike, RPD	4/18/2023	Organic	4-Chloro-3-methylphenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	4-Chloro-3-methylphenol	n/a	=	21.5	µg/L	EPA 625.1	0.23	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	4-Chloro-3-methylphenol	n/a	=	108	%	EPA 625.1	-88	-88	41	128	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	4-Chloro-3-methylphenol	n/a	=	21.6	µg/L	EPA 625.1	0.23	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	4-Chloro-3-methylphenol	n/a	=	108	%	EPA 625.1	-88	-88	41	128	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	4-Chloro-3-methylphenol	n/a	=	0.3	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	4-Chloro-3-methylphenol	n/a	=	20.5	µg/L	EPA 625.1	0.23	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	4-Chloro-3-methylphenol	n/a	=	103	%	EPA 625.1	-88	-88	41	128	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	4-Chloro-3-methylphenol	n/a	=	21	µg/L	EPA 625.1	0.23	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	4-Chloro-3-methylphenol	n/a	=	105	%	EPA 625.1	-88	-88	41	128	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	4-Chloro-3-methylphenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2022/23-5	Lab	method blank	4/18/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2022/23-5	Lab	LCS	4/18/2023	Organic	4-Chloro-3-methylphenol	n/a	=	19.4	µg/L	EPA 8270C	0.37	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	LCS, rec	4/18/2023	Organic	4-Chloro-3-methylphenol	n/a	=	97	%	EPA 8270C	-88	-88	29	108	
2022/23-5	Lab	method blank	4/9/2023	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	20.3	µg/L	EPA 625.1	0.41	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	102	%	EPA 625.1	-88	-88	38	145	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	19.9	µg/L	EPA 625.1	0.41	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	100	%	EPA 625.1	-88	-88	38	145	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	18.9	µg/L	EPA 625.1	0.41	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	95	%	EPA 625.1	-88	-88	38	145	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	18.6	µg/L	EPA 625.1	0.41	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	93	%	EPA 625.1	-88	-88	38	145	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-5	000NONPJ	matrix spike	4/18/2023	Organic	4-Nitrophenol	n/a	=	7.82	µg/L	EPA 8270C	1	2			
2022/23-5	000NONPJ	matrix spike, rec	4/18/2023	Organic	4-Nitrophenol	n/a	=	40	%	EPA 8270C	-88	-88	0.1	77	
2022/23-5	000NONPJ	matrix spike dup	4/18/2023	Organic	4-Nitrophenol	n/a	=	7.33	µg/L	EPA 8270C	1	2			
2022/23-5	000NONPJ	matrix spike dup, rec	4/18/2023	Organic	4-Nitrophenol	n/a	=	37	%	EPA 8270C	-88	-88	0.1	77	
2022/23-5	000NONPJ	matrix spike, RPD	4/18/2023	Organic	4-Nitrophenol	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2022/23-5	Lab	LCS	4/9/2023	Organic	4-Nitrophenol	n/a	=	8.56	µg/L	EPA 625.1	1.2	5			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	4-Nitrophenol	n/a	=	43	%	EPA 625.1	-88	-88	13	129	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	4-Nitrophenol	n/a	=	8.86	µg/L	EPA 625.1	1.2	5			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	4-Nitrophenol	n/a	=	44	%	EPA 625.1	-88	-88	13	129	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	4-Nitrophenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	4-Nitrophenol	n/a	=	7.65	µg/L	EPA 625.1	1.2	5			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	4-Nitrophenol	n/a	=	38	%	EPA 625.1	-88	-88	13	129	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	4-Nitrophenol	n/a	=	7.21	µg/L	EPA 625.1	1.2	5			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	4-Nitrophenol	n/a	=	36	%	EPA 625.1	-88	-88	13	129	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	4-Nitrophenol	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2022/23-5	Lab	method blank	4/18/2023	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-5	Lab	LCS	4/18/2023	Organic	4-Nitrophenol	n/a	=	6.97	µg/L	EPA 8270C	1	2			
2022/23-5	Lab	LCS, rec	4/18/2023	Organic	4-Nitrophenol	n/a	=	35	%	EPA 8270C	-88	-88	6	46	
2022/23-5	Lab	method blank	4/4/2023	Organic	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1			
2022/23-5	Lab	LCS	4/4/2023	Organic	Acenaphthene	n/a	=	0.906	µg/L	EPA 8270C	0.028	0.1			
2022/23-5	Lab	LCS, rec	4/4/2023	Organic	Acenaphthene	n/a	=	91	%	EPA 8270C	-88	-88	11	122	
2022/23-5	Lab	LCS dup	4/4/2023	Organic	Acenaphthene	n/a	=	0.982	µg/L	EPA 8270C	0.028	0.1			
2022/23-5	Lab	LCS dup, rec	4/4/2023	Organic	Acenaphthene	n/a	=	98	%	EPA 8270C	-88	-88	11	122	
2022/23-5	Lab	LCS, RPD	4/4/2023	Organic	Acenaphthene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Acenaphthene	n/a	=	22.8	µg/L	EPA 625.1	0.38	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Acenaphthene	n/a	=	114	%	EPA 625.1	-88	-88	60	132	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Acenaphthene	n/a	=	22	µg/L	EPA 625.1	0.38	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Acenaphthene	n/a	=	110	%	EPA 625.1	-88	-88	60	132	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Acenaphthene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Acenaphthene	n/a	=	21.4	µg/L	EPA 625.1	0.38	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Acenaphthene	n/a	=	107	%	EPA 625.1	-88	-88	60	132	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Acenaphthene	n/a	=	20.7	µg/L	EPA 625.1	0.38	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Acenaphthene	n/a	=	104	%	EPA 625.1	-88	-88	60	132	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Acenaphthene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-5	Lab	method blank	4/4/2023	Organic	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1			
2022/23-5	Lab	LCS	4/4/2023	Organic	Acenaphthylene	n/a	=	0.847	µg/L	EPA 8270C	0.033	0.1			
2022/23-5	Lab	LCS, rec	4/4/2023	Organic	Acenaphthylene	n/a	=	85	%	EPA 8270C	-88	-88	4	135	
2022/23-5	Lab	LCS dup	4/4/2023	Organic	Acenaphthylene	n/a	=	0.914	µg/L	EPA 8270C	0.033	0.1			
2022/23-5	Lab	LCS dup, rec	4/4/2023	Organic	Acenaphthylene	n/a	=	91	%	EPA 8270C	-88	-88	4	135	
2022/23-5	Lab	LCS, RPD	4/4/2023	Organic	Acenaphthylene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Organic	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Acenaphthylene	n/a	=	24.3	µg/L	EPA 625.1	0.35	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Acenaphthylene	n/a	=	122	%	EPA 625.1	-88	-88	54	126	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Acenaphthylene	n/a	=	24.5	µg/L	EPA 625.1	0.35	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Acenaphthylene	n/a	=	123	%	EPA 625.1	-88	-88	54	126	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Acenaphthylene	n/a	=	0.8	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Acenaphthylene	n/a	=	26.1	µg/L	EPA 625.1	0.35	1			EUM
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Acenaphthylene	n/a	=	131	%	EPA 625.1	-88	-88	54	126	EUM
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Acenaphthylene	n/a	=	25.6	µg/L	EPA 625.1	0.35	1			EUM
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Acenaphthylene	n/a	=	128	%	EPA 625.1	-88	-88	54	126	EUM
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Acenaphthylene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	EUM
2022/23-5	Lab	method blank	4/13/2023	Organic	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-5	Lab	method blank	4/4/2023	Organic	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1			
2022/23-5	Lab	LCS	4/4/2023	Organic	Anthracene	n/a	=	0.829	µg/L	EPA 8270C	0.025	0.1			
2022/23-5	Lab	LCS, rec	4/4/2023	Organic	Anthracene	n/a	=	83	%	EPA 8270C	-88	-88	22	127	
2022/23-5	Lab	LCS dup	4/4/2023	Organic	Anthracene	n/a	=	0.884	µg/L	EPA 8270C	0.025	0.1			
2022/23-5	Lab	LCS dup, rec	4/4/2023	Organic	Anthracene	n/a	=	88	%	EPA 8270C	-88	-88	22	127	
2022/23-5	Lab	LCS, RPD	4/4/2023	Organic	Anthracene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Organic	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Anthracene	n/a	=	23.1	µg/L	EPA 625.1	0.41	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Anthracene	n/a	=	115	%	EPA 625.1	-88	-88	43	120	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Anthracene	n/a	=	22.7	µg/L	EPA 625.1	0.41	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Anthracene	n/a	=	114	%	EPA 625.1	-88	-88	43	120	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Anthracene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Anthracene	n/a	=	23	µg/L	EPA 625.1	0.41	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Anthracene	n/a	=	115	%	EPA 625.1	-88	-88	43	120	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Anthracene	n/a	=	22.9	µg/L	EPA 625.1	0.41	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Anthracene	n/a	=	115	%	EPA 625.1	-88	-88	43	120	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Anthracene	n/a	=	0.5	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-5	Lab	method blank	4/4/2023	Organic	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2022/23-5	Lab	LCS	4/4/2023	Organic	Benz(a)anthracene	n/a	=	0.957	µg/L	EPA 8270C	0.051	0.1			
2022/23-5	Lab	LCS, rec	4/4/2023	Organic	Benz(a)anthracene	n/a	=	96	%	EPA 8270C	-88	-88	17	131	
2022/23-5	Lab	LCS dup	4/4/2023	Organic	Benz(a)anthracene	n/a	=	1.04	µg/L	EPA 8270C	0.051	0.1			
2022/23-5	Lab	LCS dup, rec	4/4/2023	Organic	Benz(a)anthracene	n/a	=	104	%	EPA 8270C	-88	-88	17	131	
2022/23-5	Lab	LCS, RPD	4/4/2023	Organic	Benz(a)anthracene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	LCS	4/9/2023	Organic	Benz(a)anthracene	n/a	=	21	µg/L	EPA 625.1	0.19	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Benz(a)anthracene	n/a	=	105	%	EPA 625.1	-88	-88	42	133	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Benz(a)anthracene	n/a	=	20.7	µg/L	EPA 625.1	0.19	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Benz(a)anthracene	n/a	=	103	%	EPA 625.1	-88	-88	42	133	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Benz(a)anthracene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Benz(a)anthracene	n/a	=	20	µg/L	EPA 625.1	0.19	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Benz(a)anthracene	n/a	=	100	%	EPA 625.1	-88	-88	42	133	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Benz(a)anthracene	n/a	=	20	µg/L	EPA 625.1	0.19	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Benz(a)anthracene	n/a	=	100	%	EPA 625.1	-88	-88	42	133	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Benz(a)anthracene	n/a	=	0.09	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-5	Lab	method blank	4/9/2023	Organic	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10			
2022/23-5	Lab	method blank	4/13/2023	Organic	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10			
2022/23-5	Lab	method blank	4/4/2023	Organic	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2022/23-5	Lab	LCS	4/4/2023	Organic	Benzo(a)pyrene	n/a	=	1.12	µg/L	EPA 8270C	0.051	0.1			
2022/23-5	Lab	LCS, rec	4/4/2023	Organic	Benzo(a)pyrene	n/a	=	112	%	EPA 8270C	-88	-88	12	131	
2022/23-5	Lab	LCS dup	4/4/2023	Organic	Benzo(a)pyrene	n/a	=	1.22	µg/L	EPA 8270C	0.051	0.1			
2022/23-5	Lab	LCS dup, rec	4/4/2023	Organic	Benzo(a)pyrene	n/a	=	122	%	EPA 8270C	-88	-88	12	131	
2022/23-5	Lab	LCS, RPD	4/4/2023	Organic	Benzo(a)pyrene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2022/23-5	Lab	method blank	4/5/2023	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-5	Lab	LCS	4/5/2023	Organic	Benzo(a)pyrene	n/a	=	4.46	µg/L	EPA 525.2	0.02	0.1			
2022/23-5	Lab	LCS, rec	4/5/2023	Organic	Benzo(a)pyrene	n/a	=	89	%	EPA 525.2	-88	-88	60	130	
2022/23-5	Lab	LCS dup	4/5/2023	Organic	Benzo(a)pyrene	n/a	=	4.55	µg/L	EPA 525.2	0.02	0.1			
2022/23-5	Lab	LCS dup, rec	4/5/2023	Organic	Benzo(a)pyrene	n/a	=	91	%	EPA 525.2	-88	-88	60	130	
2022/23-5	Lab	LCS, RPD	4/5/2023	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Benzo(a)pyrene	n/a	=	22.1	µg/L	EPA 625.1	0.39	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Benzo(a)pyrene	n/a	=	111	%	EPA 625.1	-88	-88	32	148	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Benzo(a)pyrene	n/a	=	20.7	µg/L	EPA 625.1	0.39	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Benzo(a)pyrene	n/a	=	104	%	EPA 625.1	-88	-88	32	148	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Benzo(a)pyrene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Benzo(a)pyrene	n/a	=	22.3	µg/L	EPA 625.1	0.39	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Benzo(a)pyrene	n/a	=	112	%	EPA 625.1	-88	-88	32	148	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Benzo(a)pyrene	n/a	=	22.1	µg/L	EPA 625.1	0.39	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Benzo(a)pyrene	n/a	=	111	%	EPA 625.1	-88	-88	32	148	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Benzo(a)pyrene	n/a	=	0.9	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2022/23-5	Lab	method blank	4/4/2023	Organic	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2022/23-5	Lab	LCS	4/4/2023	Organic	Benzo(b)fluoranthene	n/a	=	1.02	µg/L	EPA 8270C	0.074	0.1			ANI
2022/23-5	Lab	LCS, rec	4/4/2023	Organic	Benzo(b)fluoranthene	n/a	=	102	%	EPA 8270C	-88	-88	19	129	ANI
2022/23-5	Lab	LCS dup	4/4/2023	Organic	Benzo(b)fluoranthene	n/a	=	1.15	µg/L	EPA 8270C	0.074	0.1			ANI
2022/23-5	Lab	LCS dup, rec	4/4/2023	Organic	Benzo(b)fluoranthene	n/a	=	115	%	EPA 8270C	-88	-88	19	129	ANI
2022/23-5	Lab	LCS, RPD	4/4/2023	Organic	Benzo(b)fluoranthene	n/a	=	12	%	EPA 8270C	-88	-88	0	30	ANI
2022/23-5	Lab	method blank	4/9/2023	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Benzo(b)fluoranthene	n/a	=	22.3	µg/L	EPA 625.1	0.46	1			ANI
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Benzo(b)fluoranthene	n/a	=	111	%	EPA 625.1	-88	-88	42	140	ANI
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Benzo(b)fluoranthene	n/a	=	23	µg/L	EPA 625.1	0.46	1			ANI

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Benzo(b)fluoranthene	n/a	=	115	%	EPA 625.1	-88	-88	42	140	ANI
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Benzo(b)fluoranthene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	ANI
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Benzo(b)fluoranthene	n/a	=	25.1	µg/L	EPA 625.1	0.46	1			ANI
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Benzo(b)fluoranthene	n/a	=	126	%	EPA 625.1	-88	-88	42	140	ANI
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Benzo(b)fluoranthene	n/a	=	24.7	µg/L	EPA 625.1	0.46	1			ANI
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Benzo(b)fluoranthene	n/a	=	124	%	EPA 625.1	-88	-88	42	140	ANI
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Benzo(b)fluoranthene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	ANI
2022/23-5	Lab	method blank	4/13/2023	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-5	Lab	method blank	4/4/2023	Organic	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1			
2022/23-5	Lab	LCS	4/4/2023	Organic	Benzo(g,h,i)perylene	n/a	=	1.12	µg/L	EPA 8270C	0.05	0.1			
2022/23-5	Lab	LCS, rec	4/4/2023	Organic	Benzo(g,h,i)perylene	n/a	=	112	%	EPA 8270C	-88	-88	14	139	
2022/23-5	Lab	LCS dup	4/4/2023	Organic	Benzo(g,h,i)perylene	n/a	=	1.2	µg/L	EPA 8270C	0.05	0.1			
2022/23-5	Lab	LCS dup, rec	4/4/2023	Organic	Benzo(g,h,i)perylene	n/a	=	120	%	EPA 8270C	-88	-88	14	139	
2022/23-5	Lab	LCS, RPD	4/4/2023	Organic	Benzo(g,h,i)perylene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2022/23-5	Lab	LCS	4/9/2023	Organic	Benzo(g,h,i)perylene	n/a	=	24.3	µg/L	EPA 625.1	0.42	2			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Benzo(g,h,i)perylene	n/a	=	121	%	EPA 625.1	-88	-88	0.1	195	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Benzo(g,h,i)perylene	n/a	=	23.6	µg/L	EPA 625.1	0.42	2			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Benzo(g,h,i)perylene	n/a	=	118	%	EPA 625.1	-88	-88	0.1	195	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Benzo(g,h,i)perylene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Benzo(g,h,i)perylene	n/a	=	24	µg/L	EPA 625.1	0.42	2			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Benzo(g,h,i)perylene	n/a	=	120	%	EPA 625.1	-88	-88	0.1	195	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Benzo(g,h,i)perylene	n/a	=	22.9	µg/L	EPA 625.1	0.42	2			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Benzo(g,h,i)perylene	n/a	=	115	%	EPA 625.1	-88	-88	0.1	195	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Benzo(g,h,i)perylene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2022/23-5	Lab	method blank	4/4/2023	Organic	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-5	Lab	LCS	4/4/2023	Organic	Benzo(k)fluoranthene	n/a	=	1.03	µg/L	EPA 8270C	0.026	0.1			ANI
2022/23-5	Lab	LCS, rec	4/4/2023	Organic	Benzo(k)fluoranthene	n/a	=	103	%	EPA 8270C	-88	-88	22	127	ANI
2022/23-5	Lab	LCS dup	4/4/2023	Organic	Benzo(k)fluoranthene	n/a	=	1.07	µg/L	EPA 8270C	0.026	0.1			ANI
2022/23-5	Lab	LCS dup, rec	4/4/2023	Organic	Benzo(k)fluoranthene	n/a	=	107	%	EPA 8270C	-88	-88	22	127	ANI
2022/23-5	Lab	LCS, RPD	4/4/2023	Organic	Benzo(k)fluoranthene	n/a	=	4	%	EPA 8270C	-88	-88	0	30	ANI
2022/23-5	Lab	method blank	4/9/2023	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Benzo(k)fluoranthene	n/a	=	20.8	µg/L	EPA 625.1	0.22	1			ANI
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Benzo(k)fluoranthene	n/a	=	104	%	EPA 625.1	-88	-88	25	146	ANI
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Benzo(k)fluoranthene	n/a	=	19.3	µg/L	EPA 625.1	0.22	1			ANI
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Benzo(k)fluoranthene	n/a	=	97	%	EPA 625.1	-88	-88	25	146	ANI
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Benzo(k)fluoranthene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	ANI
2022/23-5	Lab	LCS	4/13/2023	Organic	Benzo(k)fluoranthene	n/a	=	20.3	µg/L	EPA 625.1	0.22	1			ANI
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Benzo(k)fluoranthene	n/a	=	101	%	EPA 625.1	-88	-88	25	146	ANI
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Benzo(k)fluoranthene	n/a	=	20.1	µg/L	EPA 625.1	0.22	1			ANI
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Benzo(k)fluoranthene	n/a	=	100	%	EPA 625.1	-88	-88	25	146	ANI
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Benzo(k)fluoranthene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	ANI
2022/23-5	Lab	method blank	4/13/2023	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-5	Lab	method blank	4/9/2023	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	20.3	µg/L	EPA 625.1	0.25	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	102	%	EPA 625.1	-88	-88	49	165	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	19.9	µg/L	EPA 625.1	0.25	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	100	%	EPA 625.1	-88	-88	49	165	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	20.2	µg/L	EPA 625.1	0.25	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	101	%	EPA 625.1	-88	-88	49	165	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	19.7	µg/L	EPA 625.1	0.25	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	98	%	EPA 625.1	-88	-88	49	165	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-5	Lab	method blank	4/9/2023	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	19.8	µg/L	EPA 625.1	0.27	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	99	%	EPA 625.1	-88	-88	43	126	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	19.4	µg/L	EPA 625.1	0.27	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	97	%	EPA 625.1	-88	-88	43	126	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	18.8	µg/L	EPA 625.1	0.27	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	94	%	EPA 625.1	-88	-88	43	126	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	18.5	µg/L	EPA 625.1	0.27	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	93	%	EPA 625.1	-88	-88	43	126	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-5	Lab	method blank	4/9/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	20.6	µg/L	EPA 625.1	0.38	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	103	%	EPA 625.1	-88	-88	63	139	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	20	µg/L	EPA 625.1	0.38	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	100	%	EPA 625.1	-88	-88	63	139	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	20.4	µg/L	EPA 625.1	0.38	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	102	%	EPA 625.1	-88	-88	63	139	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	19.9	µg/L	EPA 625.1	0.38	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	99	%	EPA 625.1	-88	-88	63	139	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-5	Lab	method blank	4/5/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5			
2022/23-5	Lab	LCS	4/5/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.13	µg/L	EPA 525.2	0.42	5			
2022/23-5	Lab	LCS, rec	4/5/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS dup	4/5/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.88	µg/L	EPA 525.2	0.42	5			
2022/23-5	Lab	LCS dup, rec	4/5/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS, RPD	4/5/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-5	Lab	method blank	4/5/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2022/23-5	Lab	LCS	4/5/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.05	µg/L	EPA 525.2	0.41	3			
2022/23-5	Lab	LCS, rec	4/5/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS dup	4/5/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.01	µg/L	EPA 525.2	0.41	3			
2022/23-5	Lab	LCS dup, rec	4/5/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS, RPD	4/5/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	4			
2022/23-5	Lab	LCS	4/9/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	24	µg/L	EPA 625.1	2.3	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	
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	120	%	EPA 625.1	-88	-88	29	137	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	23.8	µg/L	EPA 625.1	2.3	4			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	119	%	EPA 625.1	-88	-88	29	137	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.9	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	22.3	µg/L	EPA 625.1	2.3	4			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	111	%	EPA 625.1	-88	-88	29	137	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	22.5	µg/L	EPA 625.1	2.3	4			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	113	%	EPA 625.1	-88	-88	29	137	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.9	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	4			
2022/23-5	Lab	method blank	4/9/2023	Organic	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Butyl benzyl phthalate	n/a	=	24.2	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Butyl benzyl phthalate	n/a	=	121	%	EPA 625.1	-88	-88	0.1	140	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Butyl benzyl phthalate	n/a	=	23.7	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Butyl benzyl phthalate	n/a	=	118	%	EPA 625.1	-88	-88	0.1	140	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Butyl benzyl phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Butyl benzyl phthalate	n/a	=	22.9	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Butyl benzyl phthalate	n/a	=	115	%	EPA 625.1	-88	-88	0.1	140	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Butyl benzyl phthalate	n/a	=	22.7	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Butyl benzyl phthalate	n/a	=	114	%	EPA 625.1	-88	-88	0.1	140	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Butyl benzyl phthalate	n/a	=	0.7	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	method blank	4/4/2023	Organic	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2022/23-5	Lab	LCS	4/4/2023	Organic	Chrysene	n/a	=	0.993	µg/L	EPA 8270C	0.074	0.1			
2022/23-5	Lab	LCS, rec	4/4/2023	Organic	Chrysene	n/a	=	99	%	EPA 8270C	-88	-88	32	126	
2022/23-5	Lab	LCS dup	4/4/2023	Organic	Chrysene	n/a	=	1.05	µg/L	EPA 8270C	0.074	0.1			
2022/23-5	Lab	LCS dup, rec	4/4/2023	Organic	Chrysene	n/a	=	105	%	EPA 8270C	-88	-88	32	126	
2022/23-5	Lab	LCS, RPD	4/4/2023	Organic	Chrysene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Chrysene	n/a	=	21.7	µg/L	EPA 625.1	0.19	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Chrysene	n/a	=	109	%	EPA 625.1	-88	-88	44	140	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Chrysene	n/a	=	20.9	µg/L	EPA 625.1	0.19	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Chrysene	n/a	=	105	%	EPA 625.1	-88	-88	44	140	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Chrysene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Chrysene	n/a	=	21.8	µg/L	EPA 625.1	0.19	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Chrysene	n/a	=	109	%	EPA 625.1	-88	-88	44	140	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Chrysene	n/a	=	21.1	µg/L	EPA 625.1	0.19	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Chrysene	n/a	=	106	%	EPA 625.1	-88	-88	44	140	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Chrysene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-5	Lab	method blank	4/4/2023	Organic	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1			
2022/23-5	Lab	LCS	4/4/2023	Organic	Dibenz(a,h)anthracene	n/a	=	1.1	µg/L	EPA 8270C	0.036	0.1			
2022/23-5	Lab	LCS, rec	4/4/2023	Organic	Dibenz(a,h)anthracene	n/a	=	110	%	EPA 8270C	-88	-88	9	147	
2022/23-5	Lab	LCS dup	4/4/2023	Organic	Dibenz(a,h)anthracene	n/a	=	1.2	µg/L	EPA 8270C	0.036	0.1			
2022/23-5	Lab	LCS dup, rec	4/4/2023	Organic	Dibenz(a,h)anthracene	n/a	=	120	%	EPA 8270C	-88	-88	9	147	
2022/23-5	Lab	LCS, RPD	4/4/2023	Organic	Dibenz(a,h)anthracene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Organic	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	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	
2022/23-5	Lab	LCS	4/9/2023	Organic	Dibenz(a,h)anthracene	n/a	=	23.1	µg/L	EPA 625.1	0.15	2			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Dibenz(a,h)anthracene	n/a	=	116	%	EPA 625.1	-88	-88	0.1	200	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Dibenz(a,h)anthracene	n/a	=	22.4	µg/L	EPA 625.1	0.15	2			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Dibenz(a,h)anthracene	n/a	=	112	%	EPA 625.1	-88	-88	0.1	200	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Dibenz(a,h)anthracene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Dibenz(a,h)anthracene	n/a	=	22.3	µg/L	EPA 625.1	0.15	2			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Dibenz(a,h)anthracene	n/a	=	112	%	EPA 625.1	-88	-88	0.1	200	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Dibenz(a,h)anthracene	n/a	=	21.3	µg/L	EPA 625.1	0.15	2			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Dibenz(a,h)anthracene	n/a	=	107	%	EPA 625.1	-88	-88	0.1	200	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Dibenz(a,h)anthracene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2			
2022/23-5	Lab	method blank	4/9/2023	Organic	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Diethyl phthalate	n/a	=	20.2	µg/L	EPA 625.1	0.35	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Diethyl phthalate	n/a	=	101	%	EPA 625.1	-88	-88	0.1	120	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Diethyl phthalate	n/a	=	19.8	µg/L	EPA 625.1	0.35	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Diethyl phthalate	n/a	=	99	%	EPA 625.1	-88	-88	0.1	120	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Diethyl phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Diethyl phthalate	n/a	=	19.5	µg/L	EPA 625.1	0.35	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Diethyl phthalate	n/a	=	97	%	EPA 625.1	-88	-88	0.1	120	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Diethyl phthalate	n/a	=	18.5	µg/L	EPA 625.1	0.35	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Diethyl phthalate	n/a	=	93	%	EPA 625.1	-88	-88	0.1	120	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Diethyl phthalate	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-5	Lab	method blank	4/9/2023	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Dimethyl phthalate	n/a	=	21.6	µg/L	EPA 625.1	0.18	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Dimethyl phthalate	n/a	=	108	%	EPA 625.1	-88	-88	0.1	120	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Dimethyl phthalate	n/a	=	21.2	µg/L	EPA 625.1	0.18	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Dimethyl phthalate	n/a	=	106	%	EPA 625.1	-88	-88	0.1	120	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Dimethyl phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Dimethyl phthalate	n/a	=	21.6	µg/L	EPA 625.1	0.18	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Dimethyl phthalate	n/a	=	108	%	EPA 625.1	-88	-88	0.1	120	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Dimethyl phthalate	n/a	=	21.1	µg/L	EPA 625.1	0.18	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Dimethyl phthalate	n/a	=	105	%	EPA 625.1	-88	-88	0.1	120	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Dimethyl phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2022/23-5	Lab	method blank	4/9/2023	Organic	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Di-n-butylphthalate	n/a	=	22.4	µg/L	EPA 625.1	0.34	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Di-n-butylphthalate	n/a	=	112	%	EPA 625.1	-88	-88	8	120	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Di-n-butylphthalate	n/a	=	22.1	µg/L	EPA 625.1	0.34	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Di-n-butylphthalate	n/a	=	111	%	EPA 625.1	-88	-88	8	120	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Di-n-butylphthalate	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Di-n-butylphthalate	n/a	=	22.6	µg/L	EPA 625.1	0.34	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Di-n-butylphthalate	n/a	=	113	%	EPA 625.1	-88	-88	8	120	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Di-n-butylphthalate	n/a	=	22.3	µg/L	EPA 625.1	0.34	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Di-n-butylphthalate	n/a	=	112	%	EPA 625.1	-88	-88	8	120	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Di-n-butylphthalate	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	method blank	4/9/2023	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Di-n-octylphthalate	n/a	=	21.9	µg/L	EPA 625.1	0.46	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Di-n-octylphthalate	n/a	=	109	%	EPA 625.1	-88	-88	19	132	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Di-n-octylphthalate	n/a	=	21.9	µg/L	EPA 625.1	0.46	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Di-n-octylphthalate	n/a	=	110	%	EPA 625.1	-88	-88	19	132	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Di-n-octylphthalate	n/a	=	0.2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Di-n-octylphthalate	n/a	=	24.1	µg/L	EPA 625.1	0.46	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Di-n-octylphthalate	n/a	=	120	%	EPA 625.1	-88	-88	19	132	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Di-n-octylphthalate	n/a	=	22.9	µg/L	EPA 625.1	0.46	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Di-n-octylphthalate	n/a	=	115	%	EPA 625.1	-88	-88	19	132	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Di-n-octylphthalate	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-5	Lab	method blank	4/4/2023	Organic	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1			
2022/23-5	Lab	LCS	4/4/2023	Organic	Fluoranthene	n/a	=	0.92	µg/L	EPA 8270C	0.039	0.1			
2022/23-5	Lab	LCS, rec	4/4/2023	Organic	Fluoranthene	n/a	=	92	%	EPA 8270C	-88	-88	22	131	
2022/23-5	Lab	LCS dup	4/4/2023	Organic	Fluoranthene	n/a	=	0.981	µg/L	EPA 8270C	0.039	0.1			
2022/23-5	Lab	LCS dup, rec	4/4/2023	Organic	Fluoranthene	n/a	=	98	%	EPA 8270C	-88	-88	22	131	
2022/23-5	Lab	LCS, RPD	4/4/2023	Organic	Fluoranthene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Organic	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Fluoranthene	n/a	=	23.5	µg/L	EPA 625.1	0.35	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Fluoranthene	n/a	=	117	%	EPA 625.1	-88	-88	43	121	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Fluoranthene	n/a	=	22.6	µg/L	EPA 625.1	0.35	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Fluoranthene	n/a	=	113	%	EPA 625.1	-88	-88	43	121	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Fluoranthene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Fluoranthene	n/a	=	23.3	µg/L	EPA 625.1	0.35	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Fluoranthene	n/a	=	116	%	EPA 625.1	-88	-88	43	121	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Fluoranthene	n/a	=	23.2	µg/L	EPA 625.1	0.35	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Fluoranthene	n/a	=	116	%	EPA 625.1	-88	-88	43	121	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Fluoranthene	n/a	=	0.3	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-5	Lab	method blank	4/4/2023	Organic	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2022/23-5	Lab	LCS	4/4/2023	Organic	Fluorene	n/a	=	0.865	µg/L	EPA 8270C	0.029	0.1			
2022/23-5	Lab	LCS, rec	4/4/2023	Organic	Fluorene	n/a	=	86	%	EPA 8270C	-88	-88	19	122	
2022/23-5	Lab	LCS dup	4/4/2023	Organic	Fluorene	n/a	=	0.931	µg/L	EPA 8270C	0.029	0.1			
2022/23-5	Lab	LCS dup, rec	4/4/2023	Organic	Fluorene	n/a	=	93	%	EPA 8270C	-88	-88	19	122	
2022/23-5	Lab	LCS, RPD	4/4/2023	Organic	Fluorene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Fluorene	n/a	=	21.1	µg/L	EPA 625.1	0.35	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Fluorene	n/a	=	105	%	EPA 625.1	-88	-88	70	120	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Fluorene	n/a	=	21.2	µg/L	EPA 625.1	0.35	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Fluorene	n/a	=	106	%	EPA 625.1	-88	-88	70	120	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Fluorene	n/a	=	0.5	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Fluorene	n/a	=	20.5	µg/L	EPA 625.1	0.35	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Fluorene	n/a	=	103	%	EPA 625.1	-88	-88	70	120	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Fluorene	n/a	=	19.4	µg/L	EPA 625.1	0.35	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Fluorene	n/a	=	97	%	EPA 625.1	-88	-88	70	120	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Fluorene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	method blank	4/13/2023	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-5	Lab	method blank	4/9/2023	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Hexachlorobenzene	n/a	=	22.4	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Hexachlorobenzene	n/a	=	112	%	EPA 625.1	-88	-88	8	142	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Hexachlorobenzene	n/a	=	21.7	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Hexachlorobenzene	n/a	=	108	%	EPA 625.1	-88	-88	8	142	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Hexachlorobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Hexachlorobenzene	n/a	=	21.6	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Hexachlorobenzene	n/a	=	108	%	EPA 625.1	-88	-88	8	142	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Hexachlorobenzene	n/a	=	20.8	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Hexachlorobenzene	n/a	=	104	%	EPA 625.1	-88	-88	8	142	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Hexachlorobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	method blank	4/9/2023	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Hexachlorobutadiene	n/a	=	21.2	µg/L	EPA 625.1	0.47	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Hexachlorobutadiene	n/a	=	106	%	EPA 625.1	-88	-88	38	120	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Hexachlorobutadiene	n/a	=	20.9	µg/L	EPA 625.1	0.47	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Hexachlorobutadiene	n/a	=	105	%	EPA 625.1	-88	-88	38	120	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Hexachlorobutadiene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Hexachlorobutadiene	n/a	=	21.7	µg/L	EPA 625.1	0.47	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Hexachlorobutadiene	n/a	=	109	%	EPA 625.1	-88	-88	38	120	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Hexachlorobutadiene	n/a	=	20.3	µg/L	EPA 625.1	0.47	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Hexachlorobutadiene	n/a	=	101	%	EPA 625.1	-88	-88	38	120	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Hexachlorobutadiene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2022/23-5	Lab	method blank	4/5/2023	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2022/23-5	Lab	LCS	4/5/2023	Organic	Hexachlorocyclopentadiene	n/a	=	1.48	µg/L	EPA 525.2	0.092	1			
2022/23-5	Lab	LCS, rec	4/5/2023	Organic	Hexachlorocyclopentadiene	n/a	=	59	%	EPA 525.2	-88	-88	33	106	
2022/23-5	Lab	LCS dup	4/5/2023	Organic	Hexachlorocyclopentadiene	n/a	=	1.62	µg/L	EPA 525.2	0.092	1			
2022/23-5	Lab	LCS dup, rec	4/5/2023	Organic	Hexachlorocyclopentadiene	n/a	=	65	%	EPA 525.2	-88	-88	33	106	
2022/23-5	Lab	LCS, RPD	4/5/2023	Organic	Hexachlorocyclopentadiene	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Organic	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5			
2022/23-5	Lab	LCS	4/9/2023	Organic	Hexachlorocyclopentadiene	n/a	=	13.1	µg/L	EPA 625.1	0.31	5			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Hexachlorocyclopentadiene	n/a	=	66	%	EPA 625.1	-88	-88	10	120	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Hexachlorocyclopentadiene	n/a	=	13.3	µg/L	EPA 625.1	0.31	5			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Hexachlorocyclopentadiene	n/a	=	66	%	EPA 625.1	-88	-88	10	120	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Hexachlorocyclopentadiene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Hexachlorocyclopentadiene	n/a	=	11.9	µg/L	EPA 625.1	0.31	5			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Hexachlorocyclopentadiene	n/a	=	59	%	EPA 625.1	-88	-88	10	120	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Hexachlorocyclopentadiene	n/a	=	12	µg/L	EPA 625.1	0.31	5			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Hexachlorocyclopentadiene	n/a	=	60	%	EPA 625.1	-88	-88	10	120	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Hexachlorocyclopentadiene	n/a	=	0.8	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5			
2022/23-5	Lab	method blank	4/9/2023	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Hexachloroethane	n/a	=	19.1	µg/L	EPA 625.1	0.5	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Hexachloroethane	n/a	=	95	%	EPA 625.1	-88	-88	55	120	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Hexachloroethane	n/a	=	18.5	µg/L	EPA 625.1	0.5	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Hexachloroethane	n/a	=	93	%	EPA 625.1	-88	-88	55	120	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Hexachloroethane	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Hexachloroethane	n/a	=	19.5	µg/L	EPA 625.1	0.5	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Hexachloroethane	n/a	=	97	%	EPA 625.1	-88	-88	55	120	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Hexachloroethane	n/a	=	19.1	µg/L	EPA 625.1	0.5	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Hexachloroethane	n/a	=	96	%	EPA 625.1	-88	-88	55	120	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Hexachloroethane	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-5	Lab	method blank	4/4/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1			
2022/23-5	Lab	LCS	4/4/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.03	µg/L	EPA 8270C	0.065	0.1			
2022/23-5	Lab	LCS, rec	4/4/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	103	%	EPA 8270C	-88	-88	12	136	
2022/23-5	Lab	LCS dup	4/4/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.13	µg/L	EPA 8270C	0.065	0.1			
2022/23-5	Lab	LCS dup, rec	4/4/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	113	%	EPA 8270C	-88	-88	12	136	
2022/23-5	Lab	LCS, RPD	4/4/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2			
2022/23-5	Lab	LCS	4/9/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	23	µg/L	EPA 625.1	0.25	2			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	115	%	EPA 625.1	-88	-88	0.1	151	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	23.2	µg/L	EPA 625.1	0.25	2			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	116	%	EPA 625.1	-88	-88	0.1	151	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.6	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	20.6	µg/L	EPA 625.1	0.25	2			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	103	%	EPA 625.1	-88	-88	0.1	151	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	20	µg/L	EPA 625.1	0.25	2			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	100	%	EPA 625.1	-88	-88	0.1	151	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2			
2022/23-5	Lab	method blank	4/9/2023	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Isophorone	n/a	=	18.4	µg/L	EPA 625.1	0.21	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Isophorone	n/a	=	92	%	EPA 625.1	-88	-88	47	180	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Isophorone	n/a	=	18	µg/L	EPA 625.1	0.21	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Isophorone	n/a	=	90	%	EPA 625.1	-88	-88	47	180	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Isophorone	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Isophorone	n/a	=	18.4	µg/L	EPA 625.1	0.21	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Isophorone	n/a	=	92	%	EPA 625.1	-88	-88	47	180	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Isophorone	n/a	=	18	µg/L	EPA 625.1	0.21	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Isophorone	n/a	=	90	%	EPA 625.1	-88	-88	47	180	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Isophorone	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2022/23-5	Lab	method blank	4/4/2023	Organic	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-5	Lab	LCS	4/4/2023	Organic	Naphthalene	n/a	=	0.854	µg/L	EPA 8270C	0.026	0.1			
2022/23-5	Lab	LCS, rec	4/4/2023	Organic	Naphthalene	n/a	=	85	%	EPA 8270C	-88	-88	12	136	
2022/23-5	Lab	LCS dup	4/4/2023	Organic	Naphthalene	n/a	=	0.938	µg/L	EPA 8270C	0.026	0.1			
2022/23-5	Lab	LCS dup, rec	4/4/2023	Organic	Naphthalene	n/a	=	94	%	EPA 8270C	-88	-88	12	136	
2022/23-5	Lab	LCS, RPD	4/4/2023	Organic	Naphthalene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Naphthalene	n/a	=	21.2	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Naphthalene	n/a	=	106	%	EPA 625.1	-88	-88	36	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	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Naphthalene	n/a	=	20.9	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Naphthalene	n/a	=	104	%	EPA 625.1	-88	-88	36	120	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Naphthalene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Naphthalene	n/a	=	21.3	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Naphthalene	n/a	=	106	%	EPA 625.1	-88	-88	36	120	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Naphthalene	n/a	=	20.6	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Naphthalene	n/a	=	103	%	EPA 625.1	-88	-88	36	120	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Naphthalene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-5	Lab	method blank	4/9/2023	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Nitrobenzene	n/a	=	19	µg/L	EPA 625.1	0.36	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Nitrobenzene	n/a	=	95	%	EPA 625.1	-88	-88	54	158	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Nitrobenzene	n/a	=	18.6	µg/L	EPA 625.1	0.36	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Nitrobenzene	n/a	=	93	%	EPA 625.1	-88	-88	54	158	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Nitrobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Nitrobenzene	n/a	=	19.1	µg/L	EPA 625.1	0.36	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Nitrobenzene	n/a	=	96	%	EPA 625.1	-88	-88	54	158	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Nitrobenzene	n/a	=	18.4	µg/L	EPA 625.1	0.36	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Nitrobenzene	n/a	=	92	%	EPA 625.1	-88	-88	54	158	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Nitrobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-5	Lab	srgt method blank	4/4/2023	Organic	Nitrobenzene-d5	n/a	=	15.6	µg/L	EPA 8270C	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/4/2023	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 8270C	-88	-88	51	143	
2022/23-5	Lab	srgt LCS	4/4/2023	Organic	Nitrobenzene-d5	n/a	=	3.89	µg/L	EPA 8270C	-88	-88			
2022/23-5	Lab	srgt LCS, rec	4/4/2023	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 8270C	-88	-88	51	143	
2022/23-5	Lab	srgt LCS dup	4/4/2023	Organic	Nitrobenzene-d5	n/a	=	4.25	µg/L	EPA 8270C	-88	-88			
2022/23-5	Lab	srgt LCS dup, rec	4/4/2023	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 8270C	-88	-88	51	143	
2022/23-5	Lab	srgt method blank	4/9/2023	Organic	Nitrobenzene-d5	n/a	=	19.5	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/9/2023	Organic	Nitrobenzene-d5	n/a	=	98	%	EPA 625.1	-88	-88	47	120	
2022/23-5	Lab	srgt LCS	4/9/2023	Organic	Nitrobenzene-d5	n/a	=	18.9	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt LCS, rec	4/9/2023	Organic	Nitrobenzene-d5	n/a	=	94	%	EPA 625.1	-88	-88	47	120	
2022/23-5	Lab	srgt LCS dup	4/9/2023	Organic	Nitrobenzene-d5	n/a	=	18.2	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt LCS dup, rec	4/9/2023	Organic	Nitrobenzene-d5	n/a	=	91	%	EPA 625.1	-88	-88	47	120	
2022/23-5	Lab	srgt LCS	4/13/2023	Organic	Nitrobenzene-d5	n/a	=	18.5	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt LCS, rec	4/13/2023	Organic	Nitrobenzene-d5	n/a	=	92	%	EPA 625.1	-88	-88	47	120	
2022/23-5	Lab	srgt LCS dup	4/13/2023	Organic	Nitrobenzene-d5	n/a	=	17.7	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt LCS dup, rec	4/13/2023	Organic	Nitrobenzene-d5	n/a	=	89	%	EPA 625.1	-88	-88	47	120	
2022/23-5	Lab	srgt method blank	4/13/2023	Organic	Nitrobenzene-d5	n/a	=	18.9	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/13/2023	Organic	Nitrobenzene-d5	n/a	=	95	%	EPA 625.1	-88	-88	47	120	
2022/23-5	ME-SCR	srgt environ	4/4/2023	Organic	Nitrobenzene-d5	n/a	=	154	µg/L	EPA 8270C	-88	-88			
2022/23-5	ME-SCR	srgt environ, rec	4/4/2023	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 8270C	-88	-88	51	143	
2022/23-5	ME-SCR	srgt environ	4/10/2023	Organic	Nitrobenzene-d5	n/a	=	16	µg/L	EPA 625.1	-88	-88			
2022/23-5	ME-SCR	srgt environ, rec	4/10/2023	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625.1	-88	-88	47	120	
2022/23-5	Lab	method blank	4/9/2023	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	N-Nitrosodimethylamine	n/a	=	12.8	µg/L	EPA 625.1	0.5	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	N-Nitrosodimethylamine	n/a	=	64	%	EPA 625.1	-88	-88	22	120	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	N-Nitrosodimethylamine	n/a	=	11.6	µg/L	EPA 625.1	0.5	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	N-Nitrosodimethylamine	n/a	=	58	%	EPA 625.1	-88	-88	22	120	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	N-Nitrosodimethylamine	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	N-Nitrosodimethylamine	n/a	=	12	µg/L	EPA 625.1	0.5	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	N-Nitrosodimethylamine	n/a	=	60	%	EPA 625.1	-88	-88	22	120	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	N-Nitrosodimethylamine	n/a	=	8.61	µg/L	EPA 625.1	0.5	1			IL
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	N-Nitrosodimethylamine	n/a	=	43	%	EPA 625.1	-88	-88	22	120	IL
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	N-Nitrosodimethylamine	n/a	=	33	%	EPA 625.1	-88	-88	0	30	IL
2022/23-5	Lab	method blank	4/13/2023	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-5	Lab	method blank	4/9/2023	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	19.3	µg/L	EPA 625.1	0.26	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	96	%	EPA 625.1	-88	-88	14	198	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	18.6	µg/L	EPA 625.1	0.26	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	93	%	EPA 625.1	-88	-88	14	198	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	19.4	µg/L	EPA 625.1	0.26	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	97	%	EPA 625.1	-88	-88	14	198	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	19	µg/L	EPA 625.1	0.26	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	95	%	EPA 625.1	-88	-88	14	198	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-5	Lab	method blank	4/9/2023	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	N-Nitrosodiphenylamine	n/a	=	17.4	µg/L	EPA 625.1	0.19	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	N-Nitrosodiphenylamine	n/a	=	87	%	EPA 625.1	-88	-88	47	120	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	N-Nitrosodiphenylamine	n/a	=	17.8	µg/L	EPA 625.1	0.19	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	N-Nitrosodiphenylamine	n/a	=	89	%	EPA 625.1	-88	-88	47	120	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	N-Nitrosodiphenylamine	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	N-Nitrosodiphenylamine	n/a	=	16.6	µg/L	EPA 625.1	0.19	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	N-Nitrosodiphenylamine	n/a	=	83	%	EPA 625.1	-88	-88	47	120	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	N-Nitrosodiphenylamine	n/a	=	16.4	µg/L	EPA 625.1	0.19	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	N-Nitrosodiphenylamine	n/a	=	82	%	EPA 625.1	-88	-88	47	120	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	N-Nitrosodiphenylamine	n/a	=	0.9	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-5	Lab	srgt method blank	4/5/2023	Organic	Perylene-d12	n/a	=	3.95	µg/L	EPA 525.2	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/5/2023	Organic	Perylene-d12	n/a	=	79	%	EPA 525.2	-88	-88	50	120	
2022/23-5	Lab	srgt LCS	4/5/2023	Organic	Perylene-d12	n/a	=	4.63	µg/L	EPA 525.2	-88	-88			
2022/23-5	Lab	srgt LCS, rec	4/5/2023	Organic	Perylene-d12	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2022/23-5	Lab	srgt LCS dup	4/5/2023	Organic	Perylene-d12	n/a	=	4.57	µg/L	EPA 525.2	-88	-88			
2022/23-5	Lab	srgt LCS dup, rec	4/5/2023	Organic	Perylene-d12	n/a	=	91	%	EPA 525.2	-88	-88	50	120	
2022/23-5	ME-SCR	srgt environ	4/5/2023	Organic	Perylene-d12	n/a	=	24.9	µg/L	EPA 525.2	-88	-88			GN
2022/23-5	ME-SCR	srgt environ, rec	4/5/2023	Organic	Perylene-d12	n/a	=	25	%	EPA 525.2	-88	-88	50	120	GN
2022/23-5	Lab	method blank	4/4/2023	Organic	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2022/23-5	Lab	LCS	4/4/2023	Organic	Phenanthrene	n/a	=	0.931	µg/L	EPA 8270C	0.029	0.1			
2022/23-5	Lab	LCS, rec	4/4/2023	Organic	Phenanthrene	n/a	=	93	%	EPA 8270C	-88	-88	21	131	
2022/23-5	Lab	LCS dup	4/4/2023	Organic	Phenanthrene	n/a	=	0.994	µg/L	EPA 8270C	0.029	0.1			
2022/23-5	Lab	LCS dup, rec	4/4/2023	Organic	Phenanthrene	n/a	=	99	%	EPA 8270C	-88	-88	21	131	
2022/23-5	Lab	LCS, RPD	4/4/2023	Organic	Phenanthrene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	LCS	4/9/2023	Organic	Phenanthrene	n/a	=	20.1	µg/L	EPA 625.1	0.32	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Phenanthrene	n/a	=	100	%	EPA 625.1	-88	-88	65	120	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Phenanthrene	n/a	=	19.6	µg/L	EPA 625.1	0.32	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Phenanthrene	n/a	=	98	%	EPA 625.1	-88	-88	65	120	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Phenanthrene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Phenanthrene	n/a	=	21.5	µg/L	EPA 625.1	0.32	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Phenanthrene	n/a	=	107	%	EPA 625.1	-88	-88	65	120	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Phenanthrene	n/a	=	21.9	µg/L	EPA 625.1	0.32	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Phenanthrene	n/a	=	110	%	EPA 625.1	-88	-88	65	120	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Phenanthrene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2022/23-5	000NONPJ	matrix spike	4/18/2023	Organic	Phenol	n/a	=	8.84	µg/L	EPA 8270C	0.35	1			
2022/23-5	000NONPJ	matrix spike, rec	4/18/2023	Organic	Phenol	n/a	=	45	%	EPA 8270C	-88	-88	5	55	
2022/23-5	000NONPJ	matrix spike dup	4/18/2023	Organic	Phenol	n/a	=	9.07	µg/L	EPA 8270C	0.35	1			
2022/23-5	000NONPJ	matrix spike dup, rec	4/18/2023	Organic	Phenol	n/a	=	46	%	EPA 8270C	-88	-88	5	55	
2022/23-5	000NONPJ	matrix spike, RPD	4/18/2023	Organic	Phenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Organic	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Phenol	n/a	=	7.91	µg/L	EPA 625.1	0.81	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Phenol	n/a	=	40	%	EPA 625.1	-88	-88	17	120	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Phenol	n/a	=	8.42	µg/L	EPA 625.1	0.81	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Phenol	n/a	=	42	%	EPA 625.1	-88	-88	17	120	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Phenol	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Phenol	n/a	=	7.52	µg/L	EPA 625.1	0.81	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Phenol	n/a	=	38	%	EPA 625.1	-88	-88	17	120	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Phenol	n/a	=	7.53	µg/L	EPA 625.1	0.81	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Phenol	n/a	=	38	%	EPA 625.1	-88	-88	17	120	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Phenol	n/a	=	0.03	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Organic	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1			
2022/23-5	Lab	method blank	4/18/2023	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2022/23-5	Lab	LCS	4/18/2023	Organic	Phenol	n/a	=	7.73	µg/L	EPA 8270C	0.35	1			
2022/23-5	Lab	LCS, rec	4/18/2023	Organic	Phenol	n/a	=	39	%	EPA 8270C	-88	-88	6	43	
2022/23-5	000NONPJ	srgt matrix spike	4/18/2023	Organic	Phenol-d5	n/a	=	16.1	µg/L	EPA 8270C	-88	-88			
2022/23-5	000NONPJ	srgt matrix spike, rec	4/18/2023	Organic	Phenol-d5	n/a	=	41	%	EPA 8270C	-88	-88	5	46	
2022/23-5	000NONPJ	srgt matrix spike dup	4/18/2023	Organic	Phenol-d5	n/a	=	16.3	µg/L	EPA 8270C	-88	-88			
2022/23-5	000NONPJ	srgt matrix spike dup, rec	4/18/2023	Organic	Phenol-d5	n/a	=	41	%	EPA 8270C	-88	-88	5	46	
2022/23-5	Lab	srgt method blank	4/9/2023	Organic	Phenol-d5	n/a	=	18.1	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/9/2023	Organic	Phenol-d5	n/a	=	45	%	EPA 625.1	-88	-88	12	120	
2022/23-5	Lab	srgt LCS	4/9/2023	Organic	Phenol-d5	n/a	=	16.7	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt LCS, rec	4/9/2023	Organic	Phenol-d5	n/a	=	42	%	EPA 625.1	-88	-88	12	120	
2022/23-5	Lab	srgt LCS dup	4/9/2023	Organic	Phenol-d5	n/a	=	16.2	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt LCS dup, rec	4/9/2023	Organic	Phenol-d5	n/a	=	40	%	EPA 625.1	-88	-88	12	120	
2022/23-5	Lab	srgt LCS	4/13/2023	Organic	Phenol-d5	n/a	=	16.1	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt LCS, rec	4/13/2023	Organic	Phenol-d5	n/a	=	40	%	EPA 625.1	-88	-88	12	120	
2022/23-5	Lab	srgt LCS dup	4/13/2023	Organic	Phenol-d5	n/a	=	15.4	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt LCS dup, rec	4/13/2023	Organic	Phenol-d5	n/a	=	39	%	EPA 625.1	-88	-88	12	120	
2022/23-5	Lab	srgt method blank	4/13/2023	Organic	Phenol-d5	n/a	=	16.8	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/13/2023	Organic	Phenol-d5	n/a	=	42	%	EPA 625.1	-88	-88	12	120	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	srgt method blank	4/18/2023	Organic	Phenol-d5	n/a	=	14.4	µg/L	EPA 8270C	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/18/2023	Organic	Phenol-d5	n/a	=	36	%	EPA 8270C	-88	-88	5	46	
2022/23-5	Lab	srgt LCS	4/18/2023	Organic	Phenol-d5	n/a	=	14.1	µg/L	EPA 8270C	-88	-88			
2022/23-5	Lab	srgt LCS, rec	4/18/2023	Organic	Phenol-d5	n/a	=	35	%	EPA 8270C	-88	-88	5	46	
2022/23-5	ME-SCR	srgt environ	4/10/2023	Organic	Phenol-d5	n/a	=	16.9	µg/L	EPA 625.1	-88	-88			
2022/23-5	ME-SCR	srgt environ, rec	4/10/2023	Organic	Phenol-d5	n/a	=	39	%	EPA 625.1	-88	-88	12	120	
2022/23-5	ME-SCR	srgt environ	4/18/2023	Organic	Phenol-d5	n/a	=	3.72	µg/L	EPA 8270C	-88	-88			
2022/23-5	ME-SCR	srgt environ, rec	4/18/2023	Organic	Phenol-d5	n/a	=	33	%	EPA 8270C	-88	-88	5	46	
2022/23-5	Lab	srgt method blank	4/4/2023	Organic	p-Terphenyl-d14	n/a	=	22.3	µg/L	EPA 8270C	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/4/2023	Organic	p-Terphenyl-d14	n/a	=	111	%	EPA 8270C	-88	-88	19	134	
2022/23-5	Lab	srgt LCS	4/4/2023	Organic	p-Terphenyl-d14	n/a	=	5.21	µg/L	EPA 8270C	-88	-88			
2022/23-5	Lab	srgt LCS, rec	4/4/2023	Organic	p-Terphenyl-d14	n/a	=	104	%	EPA 8270C	-88	-88	19	134	
2022/23-5	Lab	srgt LCS dup	4/4/2023	Organic	p-Terphenyl-d14	n/a	=	5.59	µg/L	EPA 8270C	-88	-88			
2022/23-5	Lab	srgt LCS dup, rec	4/4/2023	Organic	p-Terphenyl-d14	n/a	=	112	%	EPA 8270C	-88	-88	19	134	
2022/23-5	Lab	srgt method blank	4/9/2023	Organic	p-Terphenyl-d14	n/a	=	25.7	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/9/2023	Organic	p-Terphenyl-d14	n/a	=	129	%	EPA 625.1	-88	-88	44	129	
2022/23-5	Lab	srgt LCS	4/9/2023	Organic	p-Terphenyl-d14	n/a	=	24.1	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt LCS, rec	4/9/2023	Organic	p-Terphenyl-d14	n/a	=	120	%	EPA 625.1	-88	-88	44	129	
2022/23-5	Lab	srgt LCS dup	4/9/2023	Organic	p-Terphenyl-d14	n/a	=	23.1	µg/L	EPA 625.1	-88	-88			
2022/23-5	Lab	srgt LCS dup, rec	4/9/2023	Organic	p-Terphenyl-d14	n/a	=	115	%	EPA 625.1	-88	-88	44	129	
2022/23-5	Lab	srgt LCS	4/13/2023	Organic	p-Terphenyl-d14	n/a	=	26.6	µg/L	EPA 625.1	-88	-88			GN
2022/23-5	Lab	srgt LCS, rec	4/13/2023	Organic	p-Terphenyl-d14	n/a	=	133	%	EPA 625.1	-88	-88	44	129	GN
2022/23-5	Lab	srgt LCS dup	4/13/2023	Organic	p-Terphenyl-d14	n/a	=	26.1	µg/L	EPA 625.1	-88	-88			GN
2022/23-5	Lab	srgt LCS dup, rec	4/13/2023	Organic	p-Terphenyl-d14	n/a	=	131	%	EPA 625.1	-88	-88	44	129	GN
2022/23-5	Lab	srgt method blank	4/13/2023	Organic	p-Terphenyl-d14	n/a	=	28.9	µg/L	EPA 625.1	-88	-88			GN
2022/23-5	Lab	srgt method blank, rec	4/13/2023	Organic	p-Terphenyl-d14	n/a	=	145	%	EPA 625.1	-88	-88	44	129	GN
2022/23-5	ME-SCR	srgt environ	4/4/2023	Organic	p-Terphenyl-d14	n/a	=	194	µg/L	EPA 8270C	-88	-88			
2022/23-5	ME-SCR	srgt environ, rec	4/4/2023	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 8270C	-88	-88	19	134	
2022/23-5	ME-SCR	srgt environ	4/10/2023	Organic	p-Terphenyl-d14	n/a	=	19.5	µg/L	EPA 625.1	-88	-88			
2022/23-5	ME-SCR	srgt environ, rec	4/10/2023	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 625.1	-88	-88	44	129	
2022/23-5	Lab	method blank	4/4/2023	Organic	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1			
2022/23-5	Lab	LCS	4/4/2023	Organic	Pyrene	n/a	=	0.925	µg/L	EPA 8270C	0.04	0.1			
2022/23-5	Lab	LCS, rec	4/4/2023	Organic	Pyrene	n/a	=	93	%	EPA 8270C	-88	-88	26	128	
2022/23-5	Lab	LCS dup	4/4/2023	Organic	Pyrene	n/a	=	0.991	µg/L	EPA 8270C	0.04	0.1			
2022/23-5	Lab	LCS dup, rec	4/4/2023	Organic	Pyrene	n/a	=	99	%	EPA 8270C	-88	-88	26	128	
2022/23-5	Lab	LCS, RPD	4/4/2023	Organic	Pyrene	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-5	Lab	LCS	4/9/2023	Organic	Pyrene	n/a	=	22.8	µg/L	EPA 625.1	0.25	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Organic	Pyrene	n/a	=	114	%	EPA 625.1	-88	-88	70	120	
2022/23-5	Lab	LCS dup	4/9/2023	Organic	Pyrene	n/a	=	23	µg/L	EPA 625.1	0.25	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Organic	Pyrene	n/a	=	115	%	EPA 625.1	-88	-88	70	120	
2022/23-5	Lab	LCS, RPD	4/9/2023	Organic	Pyrene	n/a	=	0.9	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Organic	Pyrene	n/a	=	23.2	µg/L	EPA 625.1	0.25	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Organic	Pyrene	n/a	=	116	%	EPA 625.1	-88	-88	70	120	
2022/23-5	Lab	LCS dup	4/13/2023	Organic	Pyrene	n/a	=	23.5	µg/L	EPA 625.1	0.25	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Organic	Pyrene	n/a	=	117	%	EPA 625.1	-88	-88	70	120	
2022/23-5	Lab	LCS, RPD	4/13/2023	Organic	Pyrene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	method blank	4/13/2023	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-5	Lab	srgt method blank	4/9/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0825	µg/L	EPA 608.3	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/9/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	82	%	EPA 608.3	-88	-88	32	130	
2022/23-5	Lab	srgt LCS	4/9/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0786	µg/L	EPA 608.3	-88	-88			
2022/23-5	Lab	srgt LCS, rec	4/9/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	79	%	EPA 608.3	-88	-88	32	130	
2022/23-5	Lab	srgt LCS dup	4/9/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0752	µg/L	EPA 608.3	-88	-88			
2022/23-5	Lab	srgt LCS dup, rec	4/9/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	75	%	EPA 608.3	-88	-88	32	130	
2022/23-5	ME-SCR	srgt environ	4/9/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	3.57	µg/L	EPA 608.3	-88	-88			
2022/23-5	ME-SCR	srgt environ, rec	4/9/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	71	%	EPA 608.3	-88	-88	32	130	
2022/23-5	000NONPJ	srgt matrix spike	4/1/2023	Organic	Triphenylphosphate	n/a	=	0.649	µg/L	EPA 625.1m	-88	-88			
2022/23-5	000NONPJ	srgt matrix spike, rec	4/1/2023	Organic	Triphenylphosphate	n/a	=	130	%	EPA 625.1m	-88	-88	40	200	
2022/23-5	000NONPJ	srgt matrix spike dup	4/1/2023	Organic	Triphenylphosphate	n/a	=	0.634	µg/L	EPA 625.1m	-88	-88			
2022/23-5	000NONPJ	srgt matrix spike dup, rec	4/1/2023	Organic	Triphenylphosphate	n/a	=	127	%	EPA 625.1m	-88	-88	40	200	
2022/23-5	Lab	srgt LCS	3/31/2023	Organic	Triphenylphosphate	n/a	=	0.515	µg/L	EPA 625.1m	-88	-88			
2022/23-5	Lab	srgt LCS, rec	3/31/2023	Organic	Triphenylphosphate	n/a	=	103	%	EPA 625.1m	-88	-88	40	200	
2022/23-5	Lab	srgt method blank	4/1/2023	Organic	Triphenylphosphate	n/a	=	0.541	µg/L	EPA 625.1m	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/1/2023	Organic	Triphenylphosphate	n/a	=	108	%	EPA 625.1m	-88	-88	40	200	
2022/23-5	Lab	srgt method blank	4/5/2023	Organic	Triphenylphosphate	n/a	=	4.96	µg/L	EPA 525.2	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/5/2023	Organic	Triphenylphosphate	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	srgt LCS	4/5/2023	Organic	Triphenylphosphate	n/a	=	6.43	µg/L	EPA 525.2	-88	-88			
2022/23-5	Lab	srgt LCS, rec	4/5/2023	Organic	Triphenylphosphate	n/a	=	129	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	srgt LCS dup	4/5/2023	Organic	Triphenylphosphate	n/a	=	6.58	µg/L	EPA 525.2	-88	-88			GN
2022/23-5	Lab	srgt LCS dup, rec	4/5/2023	Organic	Triphenylphosphate	n/a	=	132	%	EPA 525.2	-88	-88	70	130	GN
2022/23-5	ME-SCR	srgt environ	4/1/2023	Organic	Triphenylphosphate	n/a	=	0.556	µg/L	EPA 625.1m	-88	-88			
2022/23-5	ME-SCR	srgt environ, rec	4/1/2023	Organic	Triphenylphosphate	n/a	=	111	%	EPA 625.1m	-88	-88	40	200	
2022/23-5	ME-SCR	srgt environ	4/5/2023	Organic	Triphenylphosphate	n/a	=	105	µg/L	EPA 525.2	-88	-88			
2022/23-5	ME-SCR	srgt environ, rec	4/5/2023	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	srgt method blank	4/9/2023	PCB	PCB 209	n/a	=	0.106	µg/L	EPA 608.3	-88	-88			
2022/23-5	Lab	srgt method blank, rec	4/9/2023	PCB	PCB 209	n/a	=	106	%	EPA 608.3	-88	-88	33	133	
2022/23-5	Lab	srgt LCS	4/9/2023	PCB	PCB 209	n/a	=	0.101	µg/L	EPA 608.3	-88	-88			
2022/23-5	Lab	srgt LCS, rec	4/9/2023	PCB	PCB 209	n/a	=	101	%	EPA 608.3	-88	-88	33	133	
2022/23-5	Lab	srgt LCS dup	4/9/2023	PCB	PCB 209	n/a	=	0.0868	µg/L	EPA 608.3	-88	-88			
2022/23-5	Lab	srgt LCS dup, rec	4/9/2023	PCB	PCB 209	n/a	=	87	%	EPA 608.3	-88	-88	33	133	
2022/23-5	ME-SCR	srgt environ	4/9/2023	PCB	PCB 209	n/a	=	3.12	µg/L	EPA 608.3	-88	-88			
2022/23-5	ME-SCR	srgt environ, rec	4/9/2023	PCB	PCB 209	n/a	=	62	%	EPA 608.3	-88	-88	33	133	
2022/23-5	Lab	method blank	4/9/2023	PCB	PCB Aroclor 1016	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.5			
2022/23-5	Lab	method blank	4/9/2023	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608.3	0.06	0.5			
2022/23-5	Lab	method blank	4/9/2023	PCB	PCB Aroclor 1232	n/a	<	0.083	µg/L	EPA 608.3	0.083	0.5			
2022/23-5	Lab	method blank	4/9/2023	PCB	PCB Aroclor 1242	n/a	<	0.095	µg/L	EPA 608.3	0.095	0.5			
2022/23-5	Lab	method blank	4/9/2023	PCB	PCB Aroclor 1248	n/a	<	0.083	µg/L	EPA 608.3	0.083	0.5			
2022/23-5	Lab	method blank	4/9/2023	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5			
2022/23-5	Lab	method blank	4/9/2023	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5			
2022/23-5	000NONPJ	matrix spike	3/25/2023	Pesticide	2,4,5-T	n/a	=	4.18	µg/L	EPA 515.4	0.03	0.2			
2022/23-5	000NONPJ	matrix spike, rec	3/25/2023	Pesticide	2,4,5-T	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/25/2023	Pesticide	2,4,5-T	n/a	=	3.98	µg/L	EPA 515.4	0.03	0.2			
2022/23-5	000NONPJ	matrix spike dup, rec	3/25/2023	Pesticide	2,4,5-T	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/25/2023	Pesticide	2,4,5-T	n/a	=	5	%	EPA 515.4	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	method blank	3/25/2023	Pesticide	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2			
2022/23-5	Lab	LCS	3/25/2023	Pesticide	2,4,5-T	n/a	=	4.18	µg/L	EPA 515.4	0.03	0.2			
2022/23-5	Lab	LCS, rec	3/25/2023	Pesticide	2,4,5-T	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike	3/25/2023	Pesticide	2,4,5-TP	n/a	=	4.15	µg/L	EPA 515.4	0.026	0.2			
2022/23-5	000NONPJ	matrix spike, rec	3/25/2023	Pesticide	2,4,5-TP	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/25/2023	Pesticide	2,4,5-TP	n/a	=	4.09	µg/L	EPA 515.4	0.026	0.2			
2022/23-5	000NONPJ	matrix spike dup, rec	3/25/2023	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/25/2023	Pesticide	2,4,5-TP	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2022/23-5	Lab	method blank	3/25/2023	Pesticide	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2			
2022/23-5	Lab	LCS	3/25/2023	Pesticide	2,4,5-TP	n/a	=	4.26	µg/L	EPA 515.4	0.026	0.2			
2022/23-5	Lab	LCS, rec	3/25/2023	Pesticide	2,4,5-TP	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike	3/25/2023	Pesticide	2,4-D	n/a	=	8.3	µg/L	EPA 515.4	0.14	0.4			
2022/23-5	000NONPJ	matrix spike, rec	3/25/2023	Pesticide	2,4-D	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/25/2023	Pesticide	2,4-D	n/a	=	8.08	µg/L	EPA 515.4	0.14	0.4			
2022/23-5	000NONPJ	matrix spike dup, rec	3/25/2023	Pesticide	2,4-D	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/25/2023	Pesticide	2,4-D	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2022/23-5	Lab	method blank	3/25/2023	Pesticide	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4			
2022/23-5	Lab	LCS	3/25/2023	Pesticide	2,4-D	n/a	=	8.11	µg/L	EPA 515.4	0.14	0.4			
2022/23-5	Lab	LCS, rec	3/25/2023	Pesticide	2,4-D	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike	3/25/2023	Pesticide	2,4-DB	n/a	=	16.3	µg/L	EPA 515.4	0.19	2			
2022/23-5	000NONPJ	matrix spike, rec	3/25/2023	Pesticide	2,4-DB	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/25/2023	Pesticide	2,4-DB	n/a	=	16	µg/L	EPA 515.4	0.19	2			
2022/23-5	000NONPJ	matrix spike dup, rec	3/25/2023	Pesticide	2,4-DB	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/25/2023	Pesticide	2,4-DB	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2022/23-5	Lab	method blank	3/25/2023	Pesticide	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2			
2022/23-5	Lab	LCS	3/25/2023	Pesticide	2,4-DB	n/a	=	15.9	µg/L	EPA 515.4	0.19	2			
2022/23-5	Lab	LCS, rec	3/25/2023	Pesticide	2,4-DB	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-5	Lab	method blank	4/9/2023	Pesticide	2,4'-DDD	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2022/23-5	Lab	method blank	4/9/2023	Pesticide	2,4'-DDE	n/a	<	0.0009	µg/L	EPA 608.3	0.0009	0.01			
2022/23-5	Lab	method blank	4/9/2023	Pesticide	2,4'-DDT	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2022/23-5	000NONPJ	matrix spike	3/25/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.26	µg/L	EPA 515.4	0.12	1			
2022/23-5	000NONPJ	matrix spike, rec	3/25/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/25/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.53	µg/L	EPA 515.4	0.12	1			
2022/23-5	000NONPJ	matrix spike dup, rec	3/25/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/25/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2022/23-5	Lab	method blank	3/25/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1			
2022/23-5	Lab	LCS	3/25/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.66	µg/L	EPA 515.4	0.12	1			
2022/23-5	Lab	LCS, rec	3/25/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2022/23-5	Lab	method blank	4/9/2023	Pesticide	4,4'-DDD	n/a	<	0.0027	µg/L	EPA 608.3	0.0027	0.05			
2022/23-5	Lab	LCS	4/9/2023	Pesticide	4,4'-DDD	n/a	=	0.0925	µg/L	EPA 608.3	0.0027	0.05			
2022/23-5	Lab	LCS, rec	4/9/2023	Pesticide	4,4'-DDD	n/a	=	92	%	EPA 608.3	-88	-88	48	130	
2022/23-5	Lab	LCS dup	4/9/2023	Pesticide	4,4'-DDD	n/a	=	0.0832	µg/L	EPA 608.3	0.0027	0.05			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Pesticide	4,4'-DDD	n/a	=	83	%	EPA 608.3	-88	-88	48	130	
2022/23-5	Lab	LCS, RPD	4/9/2023	Pesticide	4,4'-DDD	n/a	=	11	%	EPA 608.3	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Pesticide	4,4'-DDE	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.05			
2022/23-5	Lab	LCS	4/9/2023	Pesticide	4,4'-DDE	n/a	=	0.0872	µg/L	EPA 608.3	0.0018	0.05			
2022/23-5	Lab	LCS, rec	4/9/2023	Pesticide	4,4'-DDE	n/a	=	87	%	EPA 608.3	-88	-88	54	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	LCS dup	4/9/2023	Pesticide	4,4'-DDE	n/a	=	0.0764	µg/L	EPA 608.3	0.0018	0.05			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Pesticide	4,4'-DDE	n/a	=	76	%	EPA 608.3	-88	-88	54	130	
2022/23-5	Lab	LCS, RPD	4/9/2023	Pesticide	4,4'-DDE	n/a	=	13	%	EPA 608.3	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Pesticide	4,4'-DDT	n/a	<	0.0028	µg/L	EPA 608.3	0.0028	0.01			
2022/23-5	Lab	LCS	4/9/2023	Pesticide	4,4'-DDT	n/a	=	0.0799	µg/L	EPA 608.3	0.0028	0.01			
2022/23-5	Lab	LCS, rec	4/9/2023	Pesticide	4,4'-DDT	n/a	=	80	%	EPA 608.3	-88	-88	46	137	
2022/23-5	Lab	LCS dup	4/9/2023	Pesticide	4,4'-DDT	n/a	=	0.0705	µg/L	EPA 608.3	0.0028	0.01			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Pesticide	4,4'-DDT	n/a	=	71	%	EPA 608.3	-88	-88	46	137	
2022/23-5	Lab	LCS, RPD	4/9/2023	Pesticide	4,4'-DDT	n/a	=	12	%	EPA 608.3	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/25/2023	Pesticide	Acifluorfen	n/a	=	4.18	µg/L	EPA 515.4	0.03	0.4			
2022/23-5	000NONPJ	matrix spike, rec	3/25/2023	Pesticide	Acifluorfen	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/25/2023	Pesticide	Acifluorfen	n/a	=	4.03	µg/L	EPA 515.4	0.03	0.4			
2022/23-5	000NONPJ	matrix spike dup, rec	3/25/2023	Pesticide	Acifluorfen	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/25/2023	Pesticide	Acifluorfen	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2022/23-5	Lab	method blank	3/25/2023	Pesticide	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4			
2022/23-5	Lab	LCS	3/25/2023	Pesticide	Acifluorfen	n/a	=	4.2	µg/L	EPA 515.4	0.03	0.4			
2022/23-5	Lab	LCS, rec	3/25/2023	Pesticide	Acifluorfen	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-5	Lab	method blank	4/5/2023	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-5	Lab	LCS	4/5/2023	Pesticide	Alachlor	n/a	=	7.64	µg/L	EPA 525.2	0.03	0.1			
2022/23-5	Lab	LCS, rec	4/5/2023	Pesticide	Alachlor	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS dup	4/5/2023	Pesticide	Alachlor	n/a	=	7.73	µg/L	EPA 525.2	0.03	0.1			
2022/23-5	Lab	LCS dup, rec	4/5/2023	Pesticide	Alachlor	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS, RPD	4/5/2023	Pesticide	Alachlor	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2022/23-5	Lab	LCS	4/9/2023	Pesticide	Aldrin	n/a	=	0.081	µg/L	EPA 608.3	0.001	0.005			
2022/23-5	Lab	LCS, rec	4/9/2023	Pesticide	Aldrin	n/a	=	81	%	EPA 608.3	-88	-88	54	130	
2022/23-5	Lab	LCS dup	4/9/2023	Pesticide	Aldrin	n/a	=	0.0732	µg/L	EPA 608.3	0.001	0.005			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Pesticide	Aldrin	n/a	=	73	%	EPA 608.3	-88	-88	54	130	
2022/23-5	Lab	LCS, RPD	4/9/2023	Pesticide	Aldrin	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Pesticide	alpha-BHC	n/a	<	0.0011	µg/L	EPA 608.3	0.0011	0.01			
2022/23-5	Lab	LCS	4/9/2023	Pesticide	alpha-BHC	n/a	=	0.0855	µg/L	EPA 608.3	0.0011	0.01			
2022/23-5	Lab	LCS, rec	4/9/2023	Pesticide	alpha-BHC	n/a	=	86	%	EPA 608.3	-88	-88	49	130	
2022/23-5	Lab	LCS dup	4/9/2023	Pesticide	alpha-BHC	n/a	=	0.0764	µg/L	EPA 608.3	0.0011	0.01			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Pesticide	alpha-BHC	n/a	=	76	%	EPA 608.3	-88	-88	49	130	
2022/23-5	Lab	LCS, RPD	4/9/2023	Pesticide	alpha-BHC	n/a	=	11	%	EPA 608.3	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Pesticide	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01			
2022/23-5	Lab	LCS	4/9/2023	Pesticide	alpha-Chlordane	n/a	=	0.0869	µg/L	EPA 608.3	0.0029	0.01			
2022/23-5	Lab	LCS, rec	4/9/2023	Pesticide	alpha-Chlordane	n/a	=	87	%	EPA 608.3	-88	-88	23	127	
2022/23-5	Lab	LCS dup	4/9/2023	Pesticide	alpha-Chlordane	n/a	=	0.078	µg/L	EPA 608.3	0.0029	0.01			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Pesticide	alpha-Chlordane	n/a	=	78	%	EPA 608.3	-88	-88	23	127	
2022/23-5	Lab	LCS, RPD	4/9/2023	Pesticide	alpha-Chlordane	n/a	=	11	%	EPA 608.3	-88	-88	0	30	
2022/23-5	Lab	method blank	4/5/2023	Pesticide	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1			
2022/23-5	Lab	LCS	4/5/2023	Pesticide	Atrazine	n/a	=	5.47	µg/L	EPA 525.2	0.011	0.1			
2022/23-5	Lab	LCS, rec	4/5/2023	Pesticide	Atrazine	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS dup	4/5/2023	Pesticide	Atrazine	n/a	=	5.46	µg/L	EPA 525.2	0.011	0.1			
2022/23-5	Lab	LCS dup, rec	4/5/2023	Pesticide	Atrazine	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS, RPD	4/5/2023	Pesticide	Atrazine	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	

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Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Azinphos methyl	n/a	=	0.0705	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Azinphos methyl	n/a	=	141	%	EPA 625.1m	-88	-88	0.1	153	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Azinphos methyl	n/a	=	0.0638	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Azinphos methyl	n/a	=	128	%	EPA 625.1m	-88	-88	0.1	153	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Azinphos methyl	n/a	=	10	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Azinphos methyl	n/a	=	0.0606	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Azinphos methyl	n/a	=	121	%	EPA 625.1m	-88	-88	47	200	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-5	000NONPJ	matrix spike	3/25/2023	Pesticide	Bentazon	n/a	=	16.8	µg/L	EPA 515.4	0.23	2			
2022/23-5	000NONPJ	matrix spike, rec	3/25/2023	Pesticide	Bentazon	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/25/2023	Pesticide	Bentazon	n/a	=	16.3	µg/L	EPA 515.4	0.23	2			
2022/23-5	000NONPJ	matrix spike dup, rec	3/25/2023	Pesticide	Bentazon	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/25/2023	Pesticide	Bentazon	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2022/23-5	Lab	method blank	3/25/2023	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2			
2022/23-5	Lab	LCS	3/25/2023	Pesticide	Bentazon	n/a	=	17.2	µg/L	EPA 515.4	0.23	2			
2022/23-5	Lab	LCS, rec	3/25/2023	Pesticide	Bentazon	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2022/23-5	Lab	method blank	4/9/2023	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2022/23-5	Lab	LCS	4/9/2023	Pesticide	beta-BHC	n/a	=	0.0862	µg/L	EPA 608.3	0.0015	0.005			
2022/23-5	Lab	LCS, rec	4/9/2023	Pesticide	beta-BHC	n/a	=	86	%	EPA 608.3	-88	-88	39	130	
2022/23-5	Lab	LCS dup	4/9/2023	Pesticide	beta-BHC	n/a	=	0.0784	µg/L	EPA 608.3	0.0015	0.005			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Pesticide	beta-BHC	n/a	=	78	%	EPA 608.3	-88	-88	39	130	
2022/23-5	Lab	LCS, RPD	4/9/2023	Pesticide	beta-BHC	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Bolstar	n/a	=	0.0536	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Bolstar	n/a	=	107	%	EPA 625.1m	-88	-88	22	160	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Bolstar	n/a	=	0.0516	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Bolstar	n/a	=	103	%	EPA 625.1m	-88	-88	22	160	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Bolstar	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Bolstar	n/a	=	0.0465	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Bolstar	n/a	=	93	%	EPA 625.1m	-88	-88	27	162	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-5	Lab	method blank	4/5/2023	Pesticide	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5			
2022/23-5	Lab	LCS	4/5/2023	Pesticide	Bromacil	n/a	=	5.46	µg/L	EPA 525.2	0.07	0.5			
2022/23-5	Lab	LCS, rec	4/5/2023	Pesticide	Bromacil	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS dup	4/5/2023	Pesticide	Bromacil	n/a	=	5.5	µg/L	EPA 525.2	0.07	0.5			
2022/23-5	Lab	LCS dup, rec	4/5/2023	Pesticide	Bromacil	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS, RPD	4/5/2023	Pesticide	Bromacil	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2022/23-5	Lab	method blank	4/5/2023	Pesticide	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2022/23-5	Lab	LCS	4/5/2023	Pesticide	Butachlor	n/a	=	5.1	µg/L	EPA 525.2	0.012	0.1			
2022/23-5	Lab	LCS, rec	4/5/2023	Pesticide	Butachlor	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS dup	4/5/2023	Pesticide	Butachlor	n/a	=	5.1	µg/L	EPA 525.2	0.012	0.1			
2022/23-5	Lab	LCS dup, rec	4/5/2023	Pesticide	Butachlor	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS, RPD	4/5/2023	Pesticide	Butachlor	n/a	=	0.02	%	EPA 525.2	-88	-88	0	30	
2022/23-5	Lab	method blank	4/5/2023	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2022/23-5	Lab	LCS	4/5/2023	Pesticide	Captan	n/a	=	6.14	µg/L	EPA 525.2	0.32	1			
2022/23-5	Lab	LCS, rec	4/5/2023	Pesticide	Captan	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS dup	4/5/2023	Pesticide	Captan	n/a	=	5.9	µg/L	EPA 525.2	0.32	1			
2022/23-5	Lab	LCS dup, rec	4/5/2023	Pesticide	Captan	n/a	=	118	%	EPA 525.2	-88	-88	70	130	

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Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	LCS, RPD	4/5/2023	Pesticide	Captan	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2022/23-5	Lab	method blank	4/5/2023	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2022/23-5	Lab	LCS	4/5/2023	Pesticide	Chloroprotham	n/a	=	6.06	µg/L	EPA 525.2	0.04	0.1			
2022/23-5	Lab	LCS, rec	4/5/2023	Pesticide	Chloroprotham	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS dup	4/5/2023	Pesticide	Chloroprotham	n/a	=	5.82	µg/L	EPA 525.2	0.04	0.1			
2022/23-5	Lab	LCS dup, rec	4/5/2023	Pesticide	Chloroprotham	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS, RPD	4/5/2023	Pesticide	Chloroprotham	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Chlorpyrifos	n/a	=	0.0509	µg/L	EPA 625.1m	0.004	0.01			
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Chlorpyrifos	n/a	=	102	%	EPA 625.1m	-88	-88	48	151	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Chlorpyrifos	n/a	=	0.0501	µg/L	EPA 625.1m	0.004	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Chlorpyrifos	n/a	=	100	%	EPA 625.1m	-88	-88	48	151	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Chlorpyrifos	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Chlorpyrifos	n/a	=	0.049	µg/L	EPA 625.1m	0.004	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Chlorpyrifos	n/a	=	98	%	EPA 625.1m	-88	-88	72	144	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01			
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Coumaphos	n/a	=	0.0596	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Coumaphos	n/a	=	119	%	EPA 625.1m	-88	-88	0.1	190	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Coumaphos	n/a	=	0.0581	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Coumaphos	n/a	=	116	%	EPA 625.1m	-88	-88	0.1	190	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Coumaphos	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Coumaphos	n/a	=	0.0508	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Coumaphos	n/a	=	102	%	EPA 625.1m	-88	-88	10	200	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-5	000NONPJ	matrix spike	3/25/2023	Pesticide	Dalapon	n/a	=	8.29	µg/L	EPA 515.4	0.11	0.4			
2022/23-5	000NONPJ	matrix spike, rec	3/25/2023	Pesticide	Dalapon	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/25/2023	Pesticide	Dalapon	n/a	=	7.85	µg/L	EPA 515.4	0.11	0.4			
2022/23-5	000NONPJ	matrix spike dup, rec	3/25/2023	Pesticide	Dalapon	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/25/2023	Pesticide	Dalapon	n/a	=	5	%	EPA 515.4	-88	-88	0	30	
2022/23-5	Lab	method blank	3/25/2023	Pesticide	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4			
2022/23-5	Lab	LCS	3/25/2023	Pesticide	Dalapon	n/a	=	8.55	µg/L	EPA 515.4	0.11	0.4			
2022/23-5	Lab	LCS, rec	3/25/2023	Pesticide	Dalapon	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike	3/25/2023	Pesticide	DCPA (Dacthal)	n/a	=	4.18	µg/L	EPA 515.4	0.029	0.1			
2022/23-5	000NONPJ	matrix spike, rec	3/25/2023	Pesticide	DCPA (Dacthal)	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/25/2023	Pesticide	DCPA (Dacthal)	n/a	=	4.02	µg/L	EPA 515.4	0.029	0.1			
2022/23-5	000NONPJ	matrix spike dup, rec	3/25/2023	Pesticide	DCPA (Dacthal)	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/25/2023	Pesticide	DCPA (Dacthal)	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2022/23-5	Lab	method blank	3/25/2023	Pesticide	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1			
2022/23-5	Lab	LCS	3/25/2023	Pesticide	DCPA (Dacthal)	n/a	=	4.17	µg/L	EPA 515.4	0.029	0.1			
2022/23-5	Lab	LCS, rec	3/25/2023	Pesticide	DCPA (Dacthal)	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-5	Lab	method blank	4/9/2023	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2022/23-5	Lab	LCS	4/9/2023	Pesticide	delta-BHC	n/a	=	0.0896	µg/L	EPA 608.3	0.0019	0.005			
2022/23-5	Lab	LCS, rec	4/9/2023	Pesticide	delta-BHC	n/a	=	90	%	EPA 608.3	-88	-88	51	130	
2022/23-5	Lab	LCS dup	4/9/2023	Pesticide	delta-BHC	n/a	=	0.0829	µg/L	EPA 608.3	0.0019	0.005			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Pesticide	delta-BHC	n/a	=	83	%	EPA 608.3	-88	-88	51	130	
2022/23-5	Lab	LCS, RPD	4/9/2023	Pesticide	delta-BHC	n/a	=	8	%	EPA 608.3	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Demeton-O	n/a	=	0.011	µg/L	EPA 625.1m	0.0019	0.01			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Demeton-O	n/a	=	88	%	EPA 625.1m	-88	-88	63	151	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Demeton-O	n/a	=	0.0113	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Demeton-O	n/a	=	91	%	EPA 625.1m	-88	-88	63	151	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Demeton-O	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Demeton-O	n/a	=	0.0108	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Demeton-O	n/a	=	86	%	EPA 625.1m	-88	-88	23	121	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Demeton-S	n/a	=	0.0394	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Demeton-S	n/a	=	105	%	EPA 625.1m	-88	-88	0.1	204	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Demeton-S	n/a	=	0.0326	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Demeton-S	n/a	=	87	%	EPA 625.1m	-88	-88	0.1	204	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Demeton-S	n/a	=	19	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Demeton-S	n/a	=	0.0357	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Demeton-S	n/a	=	95	%	EPA 625.1m	-88	-88	53	147	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Diazinon	n/a	=	0.048	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Diazinon	n/a	=	96	%	EPA 625.1m	-88	-88	46	139	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Diazinon	n/a	=	0.0416	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Diazinon	n/a	=	83	%	EPA 625.1m	-88	-88	46	139	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Diazinon	n/a	=	14	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Diazinon	n/a	=	0.0442	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Diazinon	n/a	=	88	%	EPA 625.1m	-88	-88	75	150	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-5	Lab	method blank	4/5/2023	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2022/23-5	Lab	LCS	4/5/2023	Pesticide	Diazinon	n/a	=	4.21	µg/L	EPA 525.2	0.022	0.1			
2022/23-5	Lab	LCS, rec	4/5/2023	Pesticide	Diazinon	n/a	=	84	%	EPA 525.2	-88	-88	50	120	
2022/23-5	Lab	LCS dup	4/5/2023	Pesticide	Diazinon	n/a	=	4.5	µg/L	EPA 525.2	0.022	0.1			
2022/23-5	Lab	LCS dup, rec	4/5/2023	Pesticide	Diazinon	n/a	=	90	%	EPA 525.2	-88	-88	50	120	
2022/23-5	Lab	LCS, RPD	4/5/2023	Pesticide	Diazinon	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/25/2023	Pesticide	Dicamba	n/a	=	8.32	µg/L	EPA 515.4	0.049	0.6			
2022/23-5	000NONPJ	matrix spike, rec	3/25/2023	Pesticide	Dicamba	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/25/2023	Pesticide	Dicamba	n/a	=	8.19	µg/L	EPA 515.4	0.049	0.6			
2022/23-5	000NONPJ	matrix spike dup, rec	3/25/2023	Pesticide	Dicamba	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/25/2023	Pesticide	Dicamba	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2022/23-5	Lab	method blank	3/25/2023	Pesticide	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6			
2022/23-5	Lab	LCS	3/25/2023	Pesticide	Dicamba	n/a	=	8.6	µg/L	EPA 515.4	0.049	0.6			
2022/23-5	Lab	LCS, rec	3/25/2023	Pesticide	Dicamba	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike	3/25/2023	Pesticide	Dichlorprop	n/a	=	8.11	µg/L	EPA 515.4	0.12	0.3			
2022/23-5	000NONPJ	matrix spike, rec	3/25/2023	Pesticide	Dichlorprop	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/25/2023	Pesticide	Dichlorprop	n/a	=	8.04	µg/L	EPA 515.4	0.12	0.3			
2022/23-5	000NONPJ	matrix spike dup, rec	3/25/2023	Pesticide	Dichlorprop	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/25/2023	Pesticide	Dichlorprop	n/a	=	0.9	%	EPA 515.4	-88	-88	0	30	
2022/23-5	Lab	method blank	3/25/2023	Pesticide	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3			
2022/23-5	Lab	LCS	3/25/2023	Pesticide	Dichlorprop	n/a	=	8.56	µg/L	EPA 515.4	0.12	0.3			
2022/23-5	Lab	LCS, rec	3/25/2023	Pesticide	Dichlorprop	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Dichlorvos	n/a	=	0.0478	µg/L	EPA 625.1m	0.0026	0.01			
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Dichlorvos	n/a	=	96	%	EPA 625.1m	-88	-88	52	132	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Dichlorvos	n/a	=	0.048	µg/L	EPA 625.1m	0.0026	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Dichlorvos	n/a	=	96	%	EPA 625.1m	-88	-88	52	132	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Dichlorvos	n/a	=	0.5	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Dichlorvos	n/a	=	0.053	µg/L	EPA 625.1m	0.0026	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Dichlorvos	n/a	=	106	%	EPA 625.1m	-88	-88	39	118	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01			
2022/23-5	Lab	method blank	4/9/2023	Pesticide	Dieldrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2022/23-5	Lab	LCS	4/9/2023	Pesticide	Dieldrin	n/a	=	0.0793	µg/L	EPA 608.3	0.0017	0.01			
2022/23-5	Lab	LCS, rec	4/9/2023	Pesticide	Dieldrin	n/a	=	79	%	EPA 608.3	-88	-88	58	130	
2022/23-5	Lab	LCS dup	4/9/2023	Pesticide	Dieldrin	n/a	=	0.071	µg/L	EPA 608.3	0.0017	0.01			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Pesticide	Dieldrin	n/a	=	71	%	EPA 608.3	-88	-88	58	130	
2022/23-5	Lab	LCS, RPD	4/9/2023	Pesticide	Dieldrin	n/a	=	11	%	EPA 608.3	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Dimethoate	n/a	=	0.0778	µg/L	EPA 625.1m	0.0089	0.01			
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Dimethoate	n/a	=	156	%	EPA 625.1m	-88	-88	0.1	208	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Dimethoate	n/a	=	0.069	µg/L	EPA 625.1m	0.0089	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Dimethoate	n/a	=	138	%	EPA 625.1m	-88	-88	0.1	208	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Dimethoate	n/a	=	12	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Dimethoate	n/a	=	0.0686	µg/L	EPA 625.1m	0.0089	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Dimethoate	n/a	=	137	%	EPA 625.1m	-88	-88	10	200	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01			
2022/23-5	Lab	method blank	4/5/2023	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2022/23-5	Lab	LCS	4/5/2023	Pesticide	Dimethoate	n/a	=	4.98	µg/L	EPA 525.2	0.02	0.2			
2022/23-5	Lab	LCS, rec	4/5/2023	Pesticide	Dimethoate	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2022/23-5	Lab	LCS dup	4/5/2023	Pesticide	Dimethoate	n/a	=	4.7	µg/L	EPA 525.2	0.02	0.2			
2022/23-5	Lab	LCS dup, rec	4/5/2023	Pesticide	Dimethoate	n/a	=	94	%	EPA 525.2	-88	-88	50	120	
2022/23-5	Lab	LCS, RPD	4/5/2023	Pesticide	Dimethoate	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/25/2023	Pesticide	Dinoseb	n/a	=	4.02	µg/L	EPA 515.4	0.033	0.4			
2022/23-5	000NONPJ	matrix spike, rec	3/25/2023	Pesticide	Dinoseb	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/25/2023	Pesticide	Dinoseb	n/a	=	3.97	µg/L	EPA 515.4	0.033	0.4			
2022/23-5	000NONPJ	matrix spike dup, rec	3/25/2023	Pesticide	Dinoseb	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/25/2023	Pesticide	Dinoseb	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2022/23-5	Lab	method blank	3/25/2023	Pesticide	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4			
2022/23-5	Lab	LCS	3/25/2023	Pesticide	Dinoseb	n/a	=	4.18	µg/L	EPA 515.4	0.033	0.4			
2022/23-5	Lab	LCS, rec	3/25/2023	Pesticide	Dinoseb	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-5	Lab	method blank	4/5/2023	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-5	Lab	LCS	4/5/2023	Pesticide	Diphenamid	n/a	=	6.22	µg/L	EPA 525.2	0.03	0.1			
2022/23-5	Lab	LCS, rec	4/5/2023	Pesticide	Diphenamid	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS dup	4/5/2023	Pesticide	Diphenamid	n/a	=	6.37	µg/L	EPA 525.2	0.03	0.1			
2022/23-5	Lab	LCS dup, rec	4/5/2023	Pesticide	Diphenamid	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS, RPD	4/5/2023	Pesticide	Diphenamid	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Disulfoton	n/a	=	0.0463	µg/L	EPA 625.1m	0.0035	0.01			
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Disulfoton	n/a	=	93	%	EPA 625.1m	-88	-88	33	172	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Disulfoton	n/a	=	0.0442	µg/L	EPA 625.1m	0.0035	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Disulfoton	n/a	=	88	%	EPA 625.1m	-88	-88	33	172	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Disulfoton	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Disulfoton	n/a	=	0.0485	µg/L	EPA 625.1m	0.0035	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Disulfoton	n/a	=	97	%	EPA 625.1m	-88	-88	65	121	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01			
2022/23-5	Lab	method blank	4/5/2023	Pesticide	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2022/23-5	Lab	LCS	4/5/2023	Pesticide	Disulfoton	n/a	=	5.46	µg/L	EPA 525.2	0.015	0.1			
2022/23-5	Lab	LCS, rec	4/5/2023	Pesticide	Disulfoton	n/a	=	109	%	EPA 525.2	-88	-88	50	120	
2022/23-5	Lab	LCS dup	4/5/2023	Pesticide	Disulfoton	n/a	=	5.53	µg/L	EPA 525.2	0.015	0.1			
2022/23-5	Lab	LCS dup, rec	4/5/2023	Pesticide	Disulfoton	n/a	=	111	%	EPA 525.2	-88	-88	50	120	
2022/23-5	Lab	LCS, RPD	4/5/2023	Pesticide	Disulfoton	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Pesticide	Endosulfan I	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.02			
2022/23-5	Lab	LCS	4/9/2023	Pesticide	Endosulfan I	n/a	=	0.0604	µg/L	EPA 608.3	0.0019	0.02			
2022/23-5	Lab	LCS, rec	4/9/2023	Pesticide	Endosulfan I	n/a	=	60	%	EPA 608.3	-88	-88	57	141	
2022/23-5	Lab	LCS dup	4/9/2023	Pesticide	Endosulfan I	n/a	=	0.0545	µg/L	EPA 608.3	0.0019	0.02			EUM
2022/23-5	Lab	LCS dup, rec	4/9/2023	Pesticide	Endosulfan I	n/a	=	54	%	EPA 608.3	-88	-88	57	141	EUM
2022/23-5	Lab	LCS, RPD	4/9/2023	Pesticide	Endosulfan I	n/a	=	10	%	EPA 608.3	-88	-88	0	30	EUM
2022/23-5	Lab	method blank	4/9/2023	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2022/23-5	Lab	LCS	4/9/2023	Pesticide	Endosulfan II	n/a	=	0.0675	µg/L	EPA 608.3	0.0019	0.01			
2022/23-5	Lab	LCS, rec	4/9/2023	Pesticide	Endosulfan II	n/a	=	68	%	EPA 608.3	-88	-88	22	171	
2022/23-5	Lab	LCS dup	4/9/2023	Pesticide	Endosulfan II	n/a	=	0.0611	µg/L	EPA 608.3	0.0019	0.01			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Pesticide	Endosulfan II	n/a	=	61	%	EPA 608.3	-88	-88	22	171	
2022/23-5	Lab	LCS, RPD	4/9/2023	Pesticide	Endosulfan II	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Pesticide	Endosulfan sulfate	n/a	<	0.0013	µg/L	EPA 608.3	0.0013	0.05			
2022/23-5	Lab	LCS	4/9/2023	Pesticide	Endosulfan sulfate	n/a	=	0.0818	µg/L	EPA 608.3	0.0013	0.05			
2022/23-5	Lab	LCS, rec	4/9/2023	Pesticide	Endosulfan sulfate	n/a	=	82	%	EPA 608.3	-88	-88	38	132	
2022/23-5	Lab	LCS dup	4/9/2023	Pesticide	Endosulfan sulfate	n/a	=	0.0747	µg/L	EPA 608.3	0.0013	0.05			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Pesticide	Endosulfan sulfate	n/a	=	75	%	EPA 608.3	-88	-88	38	132	
2022/23-5	Lab	LCS, RPD	4/9/2023	Pesticide	Endosulfan sulfate	n/a	=	9	%	EPA 608.3	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2022/23-5	Lab	LCS	4/9/2023	Pesticide	Endrin	n/a	=	0.0843	µg/L	EPA 608.3	0.0017	0.01			
2022/23-5	Lab	LCS, rec	4/9/2023	Pesticide	Endrin	n/a	=	84	%	EPA 608.3	-88	-88	51	130	
2022/23-5	Lab	LCS dup	4/9/2023	Pesticide	Endrin	n/a	=	0.0771	µg/L	EPA 608.3	0.0017	0.01			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Pesticide	Endrin	n/a	=	77	%	EPA 608.3	-88	-88	51	130	
2022/23-5	Lab	LCS, RPD	4/9/2023	Pesticide	Endrin	n/a	=	9	%	EPA 608.3	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2022/23-5	Lab	LCS	4/9/2023	Pesticide	Endrin aldehyde	n/a	=	0.0771	µg/L	EPA 608.3	0.0019	0.01			
2022/23-5	Lab	LCS, rec	4/9/2023	Pesticide	Endrin aldehyde	n/a	=	77	%	EPA 608.3	-88	-88	18	130	
2022/23-5	Lab	LCS dup	4/9/2023	Pesticide	Endrin aldehyde	n/a	=	0.0697	µg/L	EPA 608.3	0.0019	0.01			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Pesticide	Endrin aldehyde	n/a	=	70	%	EPA 608.3	-88	-88	18	130	
2022/23-5	Lab	LCS, RPD	4/9/2023	Pesticide	Endrin aldehyde	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2022/23-5	Lab	method blank	4/5/2023	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-5	Lab	LCS	4/5/2023	Pesticide	EPTC	n/a	=	5.61	µg/L	EPA 525.2	0.02	0.1			
2022/23-5	Lab	LCS, rec	4/5/2023	Pesticide	EPTC	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS dup	4/5/2023	Pesticide	EPTC	n/a	=	5.7	µg/L	EPA 525.2	0.02	0.1			
2022/23-5	Lab	LCS dup, rec	4/5/2023	Pesticide	EPTC	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS, RPD	4/5/2023	Pesticide	EPTC	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Ethoprop	n/a	=	0.05	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Ethoprop	n/a	=	100	%	EPA 625.1m	-88	-88	50	150	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Ethoprop	n/a	=	0.0431	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Ethoprop	n/a	=	86	%	EPA 625.1m	-88	-88	50	150	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Ethoprop	n/a	=	15	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Ethoprop	n/a	=	0.0457	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Ethoprop	n/a	=	91	%	EPA 625.1m	-88	-88	76	165	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Ethyl parathion	n/a	=	0.0478	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Ethyl parathion	n/a	=	96	%	EPA 625.1m	-88	-88	26	201	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Ethyl parathion	n/a	=	0.0477	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Ethyl parathion	n/a	=	95	%	EPA 625.1m	-88	-88	26	201	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Ethyl parathion	n/a	=	0.1	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Ethyl parathion	n/a	=	0.0544	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Ethyl parathion	n/a	=	109	%	EPA 625.1m	-88	-88	61	139	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Fensulfothion	n/a	=	0.0687	µg/L	EPA 625.1m	0.0086	0.01			
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Fensulfothion	n/a	=	137	%	EPA 625.1m	-88	-88	0.1	231	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Fensulfothion	n/a	=	0.0527	µg/L	EPA 625.1m	0.0086	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Fensulfothion	n/a	=	105	%	EPA 625.1m	-88	-88	0.1	231	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Fensulfothion	n/a	=	26	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Fensulfothion	n/a	=	0.0583	µg/L	EPA 625.1m	0.0086	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Fensulfothion	n/a	=	117	%	EPA 625.1m	-88	-88	10	200	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Fensulfothion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01			
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Fenthion	n/a	=	0.0545	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Fenthion	n/a	=	109	%	EPA 625.1m	-88	-88	27	164	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Fenthion	n/a	=	0.0503	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Fenthion	n/a	=	101	%	EPA 625.1m	-88	-88	27	164	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Fenthion	n/a	=	8	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Fenthion	n/a	=	0.0489	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Fenthion	n/a	=	98	%	EPA 625.1m	-88	-88	77	165	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-5	Lab	method blank	4/9/2023	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.02			
2022/23-5	Lab	LCS	4/9/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0819	µg/L	EPA 608.3	0.0015	0.02			
2022/23-5	Lab	LCS, rec	4/9/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	82	%	EPA 608.3	-88	-88	43	130	
2022/23-5	Lab	LCS dup	4/9/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0745	µg/L	EPA 608.3	0.0015	0.02			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	74	%	EPA 608.3	-88	-88	43	130	
2022/23-5	Lab	LCS, RPD	4/9/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	9	%	EPA 608.3	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Pesticide	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2022/23-5	Lab	LCS	4/9/2023	Pesticide	gamma-Chlordane	n/a	=	0.0883	µg/L	EPA 608.3	0.0023	0.01			
2022/23-5	Lab	LCS, rec	4/9/2023	Pesticide	gamma-Chlordane	n/a	=	88	%	EPA 608.3	-88	-88	49	106	
2022/23-5	Lab	LCS dup	4/9/2023	Pesticide	gamma-Chlordane	n/a	=	0.0794	µg/L	EPA 608.3	0.0023	0.01			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Pesticide	gamma-Chlordane	n/a	=	79	%	EPA 608.3	-88	-88	49	106	
2022/23-5	Lab	LCS, RPD	4/9/2023	Pesticide	gamma-Chlordane	n/a	=	11	%	EPA 608.3	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	3/14/2023	Pesticide	Glyphosate	n/a	=	17.7	µg/L	EPA 547	1.8	5			
2022/23-5	000NONPJ	matrix spike, rec	3/14/2023	Pesticide	Glyphosate	n/a	=	71	%	EPA 547	-88	-88	41	149	
2022/23-5	000NONPJ	matrix spike dup	3/14/2023	Pesticide	Glyphosate	n/a	=	16.3	µg/L	EPA 547	1.8	5			
2022/23-5	000NONPJ	matrix spike dup, rec	3/14/2023	Pesticide	Glyphosate	n/a	=	65	%	EPA 547	-88	-88	41	149	
2022/23-5	000NONPJ	matrix spike, RPD	3/14/2023	Pesticide	Glyphosate	n/a	=	8	%	EPA 547	-88	-88	0	30	
2022/23-5	Lab	method blank	3/14/2023	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2022/23-5	Lab	LCS	3/14/2023	Pesticide	Glyphosate	n/a	=	20.2	µg/L	EPA 547	1.8	5			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	LCS, rec	3/14/2023	Pesticide	Glyphosate	n/a	=	81	%	EPA 547	-88	-88	70	130	
2022/23-5	Lab	method blank	4/9/2023	Pesticide	Heptachlor	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2022/23-5	Lab	LCS	4/9/2023	Pesticide	Heptachlor	n/a	=	0.0758	µg/L	EPA 608.3	0.0023	0.01			
2022/23-5	Lab	LCS, rec	4/9/2023	Pesticide	Heptachlor	n/a	=	76	%	EPA 608.3	-88	-88	43	130	
2022/23-5	Lab	LCS dup	4/9/2023	Pesticide	Heptachlor	n/a	=	0.0697	µg/L	EPA 608.3	0.0023	0.01			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Pesticide	Heptachlor	n/a	=	70	%	EPA 608.3	-88	-88	43	130	
2022/23-5	Lab	LCS, RPD	4/9/2023	Pesticide	Heptachlor	n/a	=	8	%	EPA 608.3	-88	-88	0	30	
2022/23-5	Lab	method blank	4/9/2023	Pesticide	Heptachlor epoxide	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.01			
2022/23-5	Lab	LCS	4/9/2023	Pesticide	Heptachlor epoxide	n/a	=	0.0818	µg/L	EPA 608.3	0.0018	0.01			
2022/23-5	Lab	LCS, rec	4/9/2023	Pesticide	Heptachlor epoxide	n/a	=	82	%	EPA 608.3	-88	-88	57	132	
2022/23-5	Lab	LCS dup	4/9/2023	Pesticide	Heptachlor epoxide	n/a	=	0.0752	µg/L	EPA 608.3	0.0018	0.01			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Pesticide	Heptachlor epoxide	n/a	=	75	%	EPA 608.3	-88	-88	57	132	
2022/23-5	Lab	LCS, RPD	4/9/2023	Pesticide	Heptachlor epoxide	n/a	=	8	%	EPA 608.3	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Malathion	n/a	=	0.0687	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Malathion	n/a	=	137	%	EPA 625.1m	-88	-88	15	161	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Malathion	n/a	=	0.0645	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Malathion	n/a	=	129	%	EPA 625.1m	-88	-88	15	161	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Malathion	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Malathion	n/a	=	0.0539	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Malathion	n/a	=	108	%	EPA 625.1m	-88	-88	59	200	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Merphos	n/a	=	0.0539	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Merphos	n/a	=	108	%	EPA 625.1m	-88	-88	4	191	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Merphos	n/a	=	0.0509	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Merphos	n/a	=	102	%	EPA 625.1m	-88	-88	4	191	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Merphos	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Merphos	n/a	=	0.0478	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Merphos	n/a	=	96	%	EPA 625.1m	-88	-88	32	200	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-5	Lab	method blank	4/9/2023	Pesticide	Methoxychlor	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02			
2022/23-5	Lab	LCS	4/9/2023	Pesticide	Methoxychlor	n/a	=	0.0689	µg/L	EPA 608.3	0.0038	0.02			
2022/23-5	Lab	LCS, rec	4/9/2023	Pesticide	Methoxychlor	n/a	=	69	%	EPA 608.3	-88	-88	50	130	
2022/23-5	Lab	LCS dup	4/9/2023	Pesticide	Methoxychlor	n/a	=	0.0601	µg/L	EPA 608.3	0.0038	0.02			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Pesticide	Methoxychlor	n/a	=	60	%	EPA 608.3	-88	-88	50	130	
2022/23-5	Lab	LCS, RPD	4/9/2023	Pesticide	Methoxychlor	n/a	=	14	%	EPA 608.3	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Methyl parathion	n/a	=	0.0577	µg/L	EPA 625.1m	0.0031	0.01			
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Methyl parathion	n/a	=	115	%	EPA 625.1m	-88	-88	10	213	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Methyl parathion	n/a	=	0.0573	µg/L	EPA 625.1m	0.0031	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Methyl parathion	n/a	=	115	%	EPA 625.1m	-88	-88	10	213	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Methyl parathion	n/a	=	0.7	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Methyl parathion	n/a	=	0.0547	µg/L	EPA 625.1m	0.0031	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Methyl parathion	n/a	=	109	%	EPA 625.1m	-88	-88	64	154	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01			
2022/23-5	Lab	method blank	4/5/2023	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-5	Lab	LCS	4/5/2023	Pesticide	Metolachlor	n/a	=	5.27	µg/L	EPA 525.2	0.03	0.1			
2022/23-5	Lab	LCS, rec	4/5/2023	Pesticide	Metolachlor	n/a	=	105	%	EPA 525.2	-88	-88	60	130	
2022/23-5	Lab	LCS dup	4/5/2023	Pesticide	Metolachlor	n/a	=	5.33	µg/L	EPA 525.2	0.03	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	LCS dup, rec	4/5/2023	Pesticide	Metolachlor	n/a	=	107	%	EPA 525.2	-88	-88	60	130	
2022/23-5	Lab	LCS, RPD	4/5/2023	Pesticide	Metolachlor	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2022/23-5	Lab	method blank	4/5/2023	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-5	Lab	LCS	4/5/2023	Pesticide	Metribuzin	n/a	=	5.04	µg/L	EPA 525.2	0.03	0.1			
2022/23-5	Lab	LCS, rec	4/5/2023	Pesticide	Metribuzin	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2022/23-5	Lab	LCS dup	4/5/2023	Pesticide	Metribuzin	n/a	=	5.06	µg/L	EPA 525.2	0.03	0.1			
2022/23-5	Lab	LCS dup, rec	4/5/2023	Pesticide	Metribuzin	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2022/23-5	Lab	LCS, RPD	4/5/2023	Pesticide	Metribuzin	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Mevinphos	n/a	=	0.0581	µg/L	EPA 625.1m	0.0042	0.01			
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Mevinphos	n/a	=	116	%	EPA 625.1m	-88	-88	0.1	204	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Mevinphos	n/a	=	0.0487	µg/L	EPA 625.1m	0.0042	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Mevinphos	n/a	=	97	%	EPA 625.1m	-88	-88	0.1	204	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Mevinphos	n/a	=	18	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Mevinphos	n/a	=	0.0425	µg/L	EPA 625.1m	0.0042	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Mevinphos	n/a	=	85	%	EPA 625.1m	-88	-88	26	177	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01			
2022/23-5	Lab	method blank	4/9/2023	Pesticide	Mirex	n/a	<	0.0012	µg/L	EPA 608.3	0.0012	0.01			
2022/23-5	Lab	method blank	4/5/2023	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-5	Lab	LCS	4/5/2023	Pesticide	Molinate	n/a	=	5.64	µg/L	EPA 525.2	0.03	0.1			
2022/23-5	Lab	LCS, rec	4/5/2023	Pesticide	Molinate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS dup	4/5/2023	Pesticide	Molinate	n/a	=	5.6	µg/L	EPA 525.2	0.03	0.1			
2022/23-5	Lab	LCS dup, rec	4/5/2023	Pesticide	Molinate	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS, RPD	4/5/2023	Pesticide	Molinate	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Naled	n/a	=	0.105	µg/L	EPA 625.1m	0.0032	0.01			GB
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Naled	n/a	=	210	%	EPA 625.1m	-88	-88	0.1	206	GB
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Naled	n/a	=	0.103	µg/L	EPA 625.1m	0.0032	0.01			GB
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Naled	n/a	=	207	%	EPA 625.1m	-88	-88	0.1	206	GB
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Naled	n/a	=	1	%	EPA 625.1m	-88	-88	0	30	GB
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Naled	n/a	=	0.0603	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Naled	n/a	=	121	%	EPA 625.1m	-88	-88	10	200	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-5	000NONPJ	matrix spike	3/25/2023	Pesticide	Pentachlorophenol	n/a	=	3.65	µg/L	EPA 515.4	0.046	0.2			
2022/23-5	000NONPJ	matrix spike, rec	3/25/2023	Pesticide	Pentachlorophenol	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/25/2023	Pesticide	Pentachlorophenol	n/a	=	3.82	µg/L	EPA 515.4	0.046	0.2			
2022/23-5	000NONPJ	matrix spike dup, rec	3/25/2023	Pesticide	Pentachlorophenol	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/25/2023	Pesticide	Pentachlorophenol	n/a	=	5	%	EPA 515.4	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	4/18/2023	Pesticide	Pentachlorophenol	n/a	=	20.1	µg/L	EPA 8270C	0.15	1			
2022/23-5	000NONPJ	matrix spike, rec	4/18/2023	Pesticide	Pentachlorophenol	n/a	=	100	%	EPA 8270C	-88	-88	7	124	
2022/23-5	000NONPJ	matrix spike dup	4/18/2023	Pesticide	Pentachlorophenol	n/a	=	18.1	µg/L	EPA 8270C	0.15	1			
2022/23-5	000NONPJ	matrix spike dup, rec	4/18/2023	Pesticide	Pentachlorophenol	n/a	=	89	%	EPA 8270C	-88	-88	7	124	
2022/23-5	000NONPJ	matrix spike, RPD	4/18/2023	Pesticide	Pentachlorophenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2022/23-5	Lab	method blank	3/25/2023	Pesticide	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2022/23-5	Lab	LCS	3/25/2023	Pesticide	Pentachlorophenol	n/a	=	4.17	µg/L	EPA 515.4	0.046	0.2			
2022/23-5	Lab	LCS, rec	3/25/2023	Pesticide	Pentachlorophenol	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-5	Lab	method blank	4/9/2023	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2022/23-5	Lab	LCS	4/9/2023	Pesticide	Pentachlorophenol	n/a	=	21.2	µg/L	EPA 625.1	0.4	1			
2022/23-5	Lab	LCS, rec	4/9/2023	Pesticide	Pentachlorophenol	n/a	=	106	%	EPA 625.1	-88	-88	41	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	
2022/23-5	Lab	LCS dup	4/9/2023	Pesticide	Pentachlorophenol	n/a	=	20.7	µg/L	EPA 625.1	0.4	1			
2022/23-5	Lab	LCS dup, rec	4/9/2023	Pesticide	Pentachlorophenol	n/a	=	103	%	EPA 625.1	-88	-88	41	120	
2022/23-5	Lab	LCS, RPD	4/9/2023	Pesticide	Pentachlorophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	LCS	4/13/2023	Pesticide	Pentachlorophenol	n/a	=	20.8	µg/L	EPA 625.1	0.4	1			
2022/23-5	Lab	LCS, rec	4/13/2023	Pesticide	Pentachlorophenol	n/a	=	104	%	EPA 625.1	-88	-88	41	120	
2022/23-5	Lab	LCS dup	4/13/2023	Pesticide	Pentachlorophenol	n/a	=	20.2	µg/L	EPA 625.1	0.4	1			
2022/23-5	Lab	LCS dup, rec	4/13/2023	Pesticide	Pentachlorophenol	n/a	=	101	%	EPA 625.1	-88	-88	41	120	
2022/23-5	Lab	LCS, RPD	4/13/2023	Pesticide	Pentachlorophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-5	Lab	method blank	4/13/2023	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2022/23-5	Lab	method blank	4/18/2023	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2022/23-5	Lab	LCS	4/18/2023	Pesticide	Pentachlorophenol	n/a	=	19.4	µg/L	EPA 8270C	0.15	1			
2022/23-5	Lab	LCS, rec	4/18/2023	Pesticide	Pentachlorophenol	n/a	=	97	%	EPA 8270C	-88	-88	29	106	
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Phorate	n/a	=	0.0482	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Phorate	n/a	=	96	%	EPA 625.1m	-88	-88	33	172	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Phorate	n/a	=	0.0474	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Phorate	n/a	=	95	%	EPA 625.1m	-88	-88	33	172	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Phorate	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Phorate	n/a	=	0.0492	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Phorate	n/a	=	98	%	EPA 625.1m	-88	-88	61	135	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-5	000NONPJ	matrix spike	3/25/2023	Pesticide	Picloram	n/a	=	4.16	µg/L	EPA 515.4	0.05	0.6			
2022/23-5	000NONPJ	matrix spike, rec	3/25/2023	Pesticide	Picloram	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike dup	3/25/2023	Pesticide	Picloram	n/a	=	3.97	µg/L	EPA 515.4	0.05	0.6			
2022/23-5	000NONPJ	matrix spike dup, rec	3/25/2023	Pesticide	Picloram	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-5	000NONPJ	matrix spike, RPD	3/25/2023	Pesticide	Picloram	n/a	=	5	%	EPA 515.4	-88	-88	0	30	
2022/23-5	Lab	method blank	3/25/2023	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6			
2022/23-5	Lab	LCS	3/25/2023	Pesticide	Picloram	n/a	=	4.17	µg/L	EPA 515.4	0.05	0.6			
2022/23-5	Lab	LCS, rec	3/25/2023	Pesticide	Picloram	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-5	Lab	method blank	4/5/2023	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-5	Lab	LCS	4/5/2023	Pesticide	Prometryn	n/a	=	4.31	µg/L	EPA 525.2	0.03	0.1			
2022/23-5	Lab	LCS, rec	4/5/2023	Pesticide	Prometryn	n/a	=	86	%	EPA 525.2	-88	-88	30	120	
2022/23-5	Lab	LCS dup	4/5/2023	Pesticide	Prometryn	n/a	=	4.42	µg/L	EPA 525.2	0.03	0.1			
2022/23-5	Lab	LCS dup, rec	4/5/2023	Pesticide	Prometryn	n/a	=	88	%	EPA 525.2	-88	-88	30	120	
2022/23-5	Lab	LCS, RPD	4/5/2023	Pesticide	Prometryn	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0504	µg/L	EPA 625.1m	0.0036	0.01			
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Ronnel (Fenclorphos)	n/a	=	101	%	EPA 625.1m	-88	-88	36	145	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0489	µg/L	EPA 625.1m	0.0036	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Ronnel (Fenclorphos)	n/a	=	98	%	EPA 625.1m	-88	-88	36	145	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Ronnel (Fenclorphos)	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.0491	µg/L	EPA 625.1m	0.0036	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Ronnel (Fenclorphos)	n/a	=	98	%	EPA 625.1m	-88	-88	63	129	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01			
2022/23-5	Lab	method blank	4/5/2023	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-5	Lab	LCS	4/5/2023	Pesticide	Simazine	n/a	=	4.64	µg/L	EPA 525.2	0.02	0.1			
2022/23-5	Lab	LCS, rec	4/5/2023	Pesticide	Simazine	n/a	=	93	%	EPA 525.2	-88	-88	60	130	
2022/23-5	Lab	LCS dup	4/5/2023	Pesticide	Simazine	n/a	=	4.8	µg/L	EPA 525.2	0.02	0.1			
2022/23-5	Lab	LCS dup, rec	4/5/2023	Pesticide	Simazine	n/a	=	96	%	EPA 525.2	-88	-88	60	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-5	Lab	LCS, RPD	4/5/2023	Pesticide	Simazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0762	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	152	%	EPA 625.1m	-88	-88	0.1	158	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0671	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	134	%	EPA 625.1m	-88	-88	0.1	158	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	13	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0589	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	118	%	EPA 625.1m	-88	-88	71	184	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-5	Lab	method blank	4/5/2023	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2022/23-5	Lab	LCS	4/5/2023	Pesticide	Terbacil	n/a	=	5.41	µg/L	EPA 525.2	0.09	2			
2022/23-5	Lab	LCS, rec	4/5/2023	Pesticide	Terbacil	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS dup	4/5/2023	Pesticide	Terbacil	n/a	=	5.39	µg/L	EPA 525.2	0.09	2			
2022/23-5	Lab	LCS dup, rec	4/5/2023	Pesticide	Terbacil	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS, RPD	4/5/2023	Pesticide	Terbacil	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	
2022/23-5	Lab	method blank	4/5/2023	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-5	Lab	LCS	4/5/2023	Pesticide	Thiobencarb	n/a	=	4.73	µg/L	EPA 525.2	0.03	0.1			
2022/23-5	Lab	LCS, rec	4/5/2023	Pesticide	Thiobencarb	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS dup	4/5/2023	Pesticide	Thiobencarb	n/a	=	4.97	µg/L	EPA 525.2	0.03	0.1			
2022/23-5	Lab	LCS dup, rec	4/5/2023	Pesticide	Thiobencarb	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS, RPD	4/5/2023	Pesticide	Thiobencarb	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Tokuthion	n/a	=	0.0495	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Tokuthion	n/a	=	99	%	EPA 625.1m	-88	-88	35	145	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Tokuthion	n/a	=	0.0483	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Tokuthion	n/a	=	97	%	EPA 625.1m	-88	-88	35	145	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Tokuthion	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Tokuthion	n/a	=	0.0494	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Tokuthion	n/a	=	99	%	EPA 625.1m	-88	-88	69	149	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-5	Lab	method blank	4/9/2023	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2022/23-5	000NONPJ	matrix spike	4/1/2023	Pesticide	Trichloronate	n/a	=	0.0494	µg/L	EPA 625.1m	0.0037	0.01			
2022/23-5	000NONPJ	matrix spike, rec	4/1/2023	Pesticide	Trichloronate	n/a	=	99	%	EPA 625.1m	-88	-88	52	133	
2022/23-5	000NONPJ	matrix spike dup	4/1/2023	Pesticide	Trichloronate	n/a	=	0.0483	µg/L	EPA 625.1m	0.0037	0.01			
2022/23-5	000NONPJ	matrix spike dup, rec	4/1/2023	Pesticide	Trichloronate	n/a	=	97	%	EPA 625.1m	-88	-88	52	133	
2022/23-5	000NONPJ	matrix spike, RPD	4/1/2023	Pesticide	Trichloronate	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2022/23-5	Lab	LCS	3/31/2023	Pesticide	Trichloronate	n/a	=	0.0478	µg/L	EPA 625.1m	0.0037	0.01			
2022/23-5	Lab	LCS, rec	3/31/2023	Pesticide	Trichloronate	n/a	=	96	%	EPA 625.1m	-88	-88	67	134	
2022/23-5	Lab	method blank	4/1/2023	Pesticide	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01			
2022/23-5	Lab	method blank	4/5/2023	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-5	Lab	LCS	4/5/2023	Pesticide	Trithion	n/a	=	4.52	µg/L	EPA 525.2	0.02	0.1			
2022/23-5	Lab	LCS, rec	4/5/2023	Pesticide	Trithion	n/a	=	90	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS dup	4/5/2023	Pesticide	Trithion	n/a	=	4.57	µg/L	EPA 525.2	0.02	0.1			
2022/23-5	Lab	LCS dup, rec	4/5/2023	Pesticide	Trithion	n/a	=	91	%	EPA 525.2	-88	-88	70	130	
2022/23-5	Lab	LCS, RPD	4/5/2023	Pesticide	Trithion	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/20/2023	Anion	Chloride	n/a	=	234	mg/L	EPA 300.0	1.9	5			
2022/23-6	000NONPJ	matrix spike, rec	5/20/2023	Anion	Chloride	n/a	=	113	%	EPA 300.0	-88	-88	76	118	
2022/23-6	000NONPJ	matrix spike dup	5/20/2023	Anion	Chloride	n/a	=	234	mg/L	EPA 300.0	1.9	5			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	000NONPJ	matrix spike dup, rec	5/20/2023	Anion	Chloride	n/a	=	113	%	EPA 300.0	-88	-88	76	118	
2022/23-6	000NONPJ	matrix spike, RPD	5/20/2023	Anion	Chloride	n/a	=	0.004	%	EPA 300.0	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/20/2023	Anion	Chloride	n/a	=	240	mg/L	EPA 300.0	1.9	5			
2022/23-6	000NONPJ	matrix spike, rec	5/20/2023	Anion	Chloride	n/a	=	114	%	EPA 300.0	-88	-88	76	118	
2022/23-6	000NONPJ	matrix spike dup	5/20/2023	Anion	Chloride	n/a	=	240	mg/L	EPA 300.0	1.9	5			
2022/23-6	000NONPJ	matrix spike dup, rec	5/20/2023	Anion	Chloride	n/a	=	114	%	EPA 300.0	-88	-88	76	118	
2022/23-6	000NONPJ	matrix spike, RPD	5/20/2023	Anion	Chloride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/23/2023	Anion	Chloride	n/a	=	233	mg/L	EPA 300.0	1.9	5			
2022/23-6	000NONPJ	matrix spike, rec	5/23/2023	Anion	Chloride	n/a	=	105	%	EPA 300.0	-88	-88	76	118	
2022/23-6	000NONPJ	matrix spike dup	5/23/2023	Anion	Chloride	n/a	=	237	mg/L	EPA 300.0	1.9	5			
2022/23-6	000NONPJ	matrix spike dup, rec	5/23/2023	Anion	Chloride	n/a	=	107	%	EPA 300.0	-88	-88	76	118	
2022/23-6	000NONPJ	matrix spike, RPD	5/23/2023	Anion	Chloride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/23/2023	Anion	Chloride	n/a	=	309	mg/L	EPA 300.0	1.9	5			
2022/23-6	000NONPJ	matrix spike, rec	5/23/2023	Anion	Chloride	n/a	=	106	%	EPA 300.0	-88	-88	76	118	
2022/23-6	000NONPJ	matrix spike dup	5/23/2023	Anion	Chloride	n/a	=	307	mg/L	EPA 300.0	1.9	5			
2022/23-6	000NONPJ	matrix spike dup, rec	5/23/2023	Anion	Chloride	n/a	=	105	%	EPA 300.0	-88	-88	76	118	
2022/23-6	000NONPJ	matrix spike, RPD	5/23/2023	Anion	Chloride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/25/2023	Anion	Chloride	n/a	=	280	mg/L	EPA 300.0	1.9	5			
2022/23-6	000NONPJ	matrix spike, rec	5/25/2023	Anion	Chloride	n/a	=	105	%	EPA 300.0	-88	-88	76	118	
2022/23-6	000NONPJ	matrix spike dup	5/25/2023	Anion	Chloride	n/a	=	281	mg/L	EPA 300.0	1.9	5			
2022/23-6	000NONPJ	matrix spike dup, rec	5/25/2023	Anion	Chloride	n/a	=	105	%	EPA 300.0	-88	-88	76	118	
2022/23-6	000NONPJ	matrix spike, RPD	5/25/2023	Anion	Chloride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/25/2023	Anion	Chloride	n/a	=	321	mg/L	EPA 300.0	1.9	5			
2022/23-6	000NONPJ	matrix spike, rec	5/25/2023	Anion	Chloride	n/a	=	108	%	EPA 300.0	-88	-88	76	118	
2022/23-6	000NONPJ	matrix spike dup	5/25/2023	Anion	Chloride	n/a	=	326	mg/L	EPA 300.0	1.9	5			
2022/23-6	000NONPJ	matrix spike dup, rec	5/25/2023	Anion	Chloride	n/a	=	110	%	EPA 300.0	-88	-88	76	118	
2022/23-6	000NONPJ	matrix spike, RPD	5/25/2023	Anion	Chloride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2022/23-6	Lab	method blank	5/20/2023	Anion	Chloride	n/a	<	0.19	mg/L	EPA 300.0	0.19	0.5			
2022/23-6	Lab	LCS	5/20/2023	Anion	Chloride	n/a	=	21.3	mg/L	EPA 300.0	0.19	0.5			
2022/23-6	Lab	LCS, rec	5/20/2023	Anion	Chloride	n/a	=	107	%	EPA 300.0	-88	-88	90	110	
2022/23-6	Lab	method blank	5/22/2023	Anion	Chloride	n/a	<	0.19	mg/L	EPA 300.0	0.19	0.5			
2022/23-6	Lab	LCS	5/22/2023	Anion	Chloride	n/a	=	21.7	mg/L	EPA 300.0	0.19	0.5			
2022/23-6	Lab	LCS, rec	5/22/2023	Anion	Chloride	n/a	=	109	%	EPA 300.0	-88	-88	90	110	
2022/23-6	Lab	method blank	5/25/2023	Anion	Chloride	n/a	<	0.19	mg/L	EPA 300.0	0.19	0.5			
2022/23-6	Lab	LCS	5/25/2023	Anion	Chloride	n/a	=	21.2	mg/L	EPA 300.0	0.19	0.5			
2022/23-6	Lab	LCS, rec	5/25/2023	Anion	Chloride	n/a	=	106	%	EPA 300.0	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike	5/20/2023	Anion	Fluoride	n/a	=	20.2	mg/L	EPA 300.0	0.09	1			
2022/23-6	000NONPJ	matrix spike, rec	5/20/2023	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2022/23-6	000NONPJ	matrix spike dup	5/20/2023	Anion	Fluoride	n/a	=	19.9	mg/L	EPA 300.0	0.09	1			
2022/23-6	000NONPJ	matrix spike dup, rec	5/20/2023	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	86	107	
2022/23-6	000NONPJ	matrix spike, RPD	5/20/2023	Anion	Fluoride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/20/2023	Anion	Fluoride	n/a	=	21.6	mg/L	EPA 300.0	0.09	1			
2022/23-6	000NONPJ	matrix spike, rec	5/20/2023	Anion	Fluoride	n/a	=	107	%	EPA 300.0	-88	-88	86	107	
2022/23-6	000NONPJ	matrix spike dup	5/20/2023	Anion	Fluoride	n/a	=	20	mg/L	EPA 300.0	0.09	1			
2022/23-6	000NONPJ	matrix spike dup, rec	5/20/2023	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	86	107	
2022/23-6	000NONPJ	matrix spike, RPD	5/20/2023	Anion	Fluoride	n/a	=	8	%	EPA 300.0	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/23/2023	Anion	Fluoride	n/a	=	19.9	mg/L	EPA 300.0	0.09	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	000NONPJ	matrix spike, rec	5/23/2023	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	86	107	
2022/23-6	000NONPJ	matrix spike dup	5/23/2023	Anion	Fluoride	n/a	=	20.4	mg/L	EPA 300.0	0.09	1			
2022/23-6	000NONPJ	matrix spike dup, rec	5/23/2023	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	86	107	
2022/23-6	000NONPJ	matrix spike, RPD	5/23/2023	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/23/2023	Anion	Fluoride	n/a	=	19.5	mg/L	EPA 300.0	0.09	1			
2022/23-6	000NONPJ	matrix spike, rec	5/23/2023	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	86	107	
2022/23-6	000NONPJ	matrix spike dup	5/23/2023	Anion	Fluoride	n/a	=	19.4	mg/L	EPA 300.0	0.09	1			
2022/23-6	000NONPJ	matrix spike dup, rec	5/23/2023	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	86	107	
2022/23-6	000NONPJ	matrix spike, RPD	5/23/2023	Anion	Fluoride	n/a	=	0.9	%	EPA 300.0	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/25/2023	Anion	Fluoride	n/a	=	20.1	mg/L	EPA 300.0	0.09	1			
2022/23-6	000NONPJ	matrix spike, rec	5/25/2023	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	86	107	
2022/23-6	000NONPJ	matrix spike dup	5/25/2023	Anion	Fluoride	n/a	=	20.4	mg/L	EPA 300.0	0.09	1			
2022/23-6	000NONPJ	matrix spike dup, rec	5/25/2023	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	86	107	
2022/23-6	000NONPJ	matrix spike, RPD	5/25/2023	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/25/2023	Anion	Fluoride	n/a	=	20.5	mg/L	EPA 300.0	0.09	1			
2022/23-6	000NONPJ	matrix spike, rec	5/25/2023	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	86	107	
2022/23-6	000NONPJ	matrix spike dup	5/25/2023	Anion	Fluoride	n/a	=	20.4	mg/L	EPA 300.0	0.09	1			
2022/23-6	000NONPJ	matrix spike dup, rec	5/25/2023	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	86	107	
2022/23-6	000NONPJ	matrix spike, RPD	5/25/2023	Anion	Fluoride	n/a	=	0.4	%	EPA 300.0	-88	-88	0	20	
2022/23-6	Lab	method blank	5/20/2023	Anion	Fluoride	n/a	<	0.009	mg/L	EPA 300.0	0.009	0.1			
2022/23-6	Lab	LCS	5/20/2023	Anion	Fluoride	n/a	=	1.99	mg/L	EPA 300.0	0.009	0.1			
2022/23-6	Lab	LCS, rec	5/20/2023	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	90	110	
2022/23-6	Lab	method blank	5/22/2023	Anion	Fluoride	n/a	<	0.009	mg/L	EPA 300.0	0.009	0.1			
2022/23-6	Lab	LCS	5/22/2023	Anion	Fluoride	n/a	=	2.04	mg/L	EPA 300.0	0.009	0.1			
2022/23-6	Lab	LCS, rec	5/22/2023	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	90	110	
2022/23-6	Lab	method blank	5/25/2023	Anion	Fluoride	n/a	<	0.009	mg/L	EPA 300.0	0.009	0.1			
2022/23-6	Lab	LCS	5/25/2023	Anion	Fluoride	n/a	=	2	mg/L	EPA 300.0	0.009	0.1			
2022/23-6	Lab	LCS, rec	5/25/2023	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike	5/23/2023	Anion	Perchlorate	n/a	=	7.48	µg/L	EPA 314.0	0.39	2			GB
2022/23-6	000NONPJ	matrix spike, rec	5/23/2023	Anion	Perchlorate	n/a	=	75	%	EPA 314.0	-88	-88	80	120	GB
2022/23-6	000NONPJ	matrix spike dup	5/23/2023	Anion	Perchlorate	n/a	=	7.26	µg/L	EPA 314.0	0.39	2			GB
2022/23-6	000NONPJ	matrix spike dup, rec	5/23/2023	Anion	Perchlorate	n/a	=	73	%	EPA 314.0	-88	-88	80	120	GB
2022/23-6	000NONPJ	matrix spike, RPD	5/23/2023	Anion	Perchlorate	n/a	=	3	%	EPA 314.0	-88	-88	0	15	GB
2022/23-6	000NONPJ	matrix spike	5/24/2023	Anion	Perchlorate	n/a	=	8.95	µg/L	EPA 314.0	0.39	2			
2022/23-6	000NONPJ	matrix spike, rec	5/24/2023	Anion	Perchlorate	n/a	=	89	%	EPA 314.0	-88	-88	80	120	
2022/23-6	000NONPJ	matrix spike dup	5/24/2023	Anion	Perchlorate	n/a	=	9.45	µg/L	EPA 314.0	0.39	2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/24/2023	Anion	Perchlorate	n/a	=	94	%	EPA 314.0	-88	-88	80	120	
2022/23-6	000NONPJ	matrix spike, RPD	5/24/2023	Anion	Perchlorate	n/a	=	5	%	EPA 314.0	-88	-88	0	15	
2022/23-6	000NONPJ	matrix spike	6/1/2023	Anion	Perchlorate	n/a	=	8.61	µg/L	EPA 314.0	0.39	2			
2022/23-6	000NONPJ	matrix spike, rec	6/1/2023	Anion	Perchlorate	n/a	=	86	%	EPA 314.0	-88	-88	80	120	
2022/23-6	000NONPJ	matrix spike dup	6/1/2023	Anion	Perchlorate	n/a	=	8.43	µg/L	EPA 314.0	0.39	2			
2022/23-6	000NONPJ	matrix spike dup, rec	6/1/2023	Anion	Perchlorate	n/a	=	84	%	EPA 314.0	-88	-88	80	120	
2022/23-6	000NONPJ	matrix spike, RPD	6/1/2023	Anion	Perchlorate	n/a	=	2	%	EPA 314.0	-88	-88	0	15	
2022/23-6	000NONPJ	matrix spike	6/2/2023	Anion	Perchlorate	n/a	=	8.79	µg/L	EPA 314.0	0.39	2			
2022/23-6	000NONPJ	matrix spike, rec	6/2/2023	Anion	Perchlorate	n/a	=	88	%	EPA 314.0	-88	-88	80	120	
2022/23-6	000NONPJ	matrix spike dup	6/2/2023	Anion	Perchlorate	n/a	=	10.4	µg/L	EPA 314.0	0.39	2			IL
2022/23-6	000NONPJ	matrix spike dup, rec	6/2/2023	Anion	Perchlorate	n/a	=	104	%	EPA 314.0	-88	-88	80	120	IL

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	000NONPJ	matrix spike, RPD	6/2/2023	Anion	Perchlorate	n/a	=	17	%	EPA 314.0	-88	-88	0	15	IL
2022/23-6	000NONPJ	matrix spike	6/7/2023	Anion	Perchlorate	n/a	=	7.88	µg/L	EPA 314.0	0.39	2			GB
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Anion	Perchlorate	n/a	=	79	%	EPA 314.0	-88	-88	80	120	GB
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Anion	Perchlorate	n/a	=	8.62	µg/L	EPA 314.0	0.39	2			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Anion	Perchlorate	n/a	=	86	%	EPA 314.0	-88	-88	80	120	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Anion	Perchlorate	n/a	=	9	%	EPA 314.0	-88	-88	0	15	
2022/23-6	Lab	LCS	5/23/2023	Anion	Perchlorate	n/a	=	9.92	µg/L	EPA 314.0	0.39	2			
2022/23-6	Lab	LCS, rec	5/23/2023	Anion	Perchlorate	n/a	=	99	%	EPA 314.0	-88	-88	85	115	
2022/23-6	Lab	method blank	5/23/2023	Anion	Perchlorate	n/a	<	0.39	µg/L	EPA 314.0	0.39	2			
2022/23-6	Lab	method blank	5/24/2023	Anion	Perchlorate	n/a	<	0.39	µg/L	EPA 314.0	0.39	2			
2022/23-6	Lab	LCS	5/24/2023	Anion	Perchlorate	n/a	=	9.92	µg/L	EPA 314.0	0.39	2			
2022/23-6	Lab	LCS, rec	5/24/2023	Anion	Perchlorate	n/a	=	99	%	EPA 314.0	-88	-88	85	115	
2022/23-6	Lab	method blank	6/1/2023	Anion	Perchlorate	n/a	<	0.39	µg/L	EPA 314.0	0.39	2			
2022/23-6	Lab	LCS	6/1/2023	Anion	Perchlorate	n/a	=	11	µg/L	EPA 314.0	0.39	2			
2022/23-6	Lab	LCS, rec	6/1/2023	Anion	Perchlorate	n/a	=	110	%	EPA 314.0	-88	-88	85	115	
2022/23-6	Lab	method blank	6/2/2023	Anion	Perchlorate	n/a	<	0.39	µg/L	EPA 314.0	0.39	2			
2022/23-6	Lab	LCS	6/2/2023	Anion	Perchlorate	n/a	=	9.23	µg/L	EPA 314.0	0.39	2			
2022/23-6	Lab	LCS, rec	6/2/2023	Anion	Perchlorate	n/a	=	92	%	EPA 314.0	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Anion	Perchlorate	n/a	<	0.39	µg/L	EPA 314.0	0.39	2			
2022/23-6	Lab	LCS	6/7/2023	Anion	Perchlorate	n/a	=	9.69	µg/L	EPA 314.0	0.39	2			
2022/23-6	Lab	LCS, rec	6/7/2023	Anion	Perchlorate	n/a	=	97	%	EPA 314.0	-88	-88	85	115	
2022/23-6	Lab	method blank	5/17/2023	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022/23-6	Lab	method blank	5/19/2023	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022/23-6	Lab	method blank	5/24/2023	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022/23-6	Lab	method blank	5/17/2023	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022/23-6	Lab	method blank	5/19/2023	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022/23-6	Lab	method blank	5/24/2023	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2022/23-6	000NONPJ	matrix spike	5/25/2023	Cation	Calcium	Total	=	62.6	mg/L	EPA 200.7	0.0736	0.5			
2022/23-6	000NONPJ	matrix spike, rec	5/25/2023	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/25/2023	Cation	Calcium	Total	=	62.9	mg/L	EPA 200.7	0.0736	0.5			
2022/23-6	000NONPJ	matrix spike dup, rec	5/25/2023	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/25/2023	Cation	Calcium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/25/2023	Cation	Calcium	Total	=	145	mg/L	EPA 200.7	0.0736	0.5			
2022/23-6	000NONPJ	matrix spike, rec	5/25/2023	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/25/2023	Cation	Calcium	Total	=	146	mg/L	EPA 200.7	0.0736	0.5			
2022/23-6	000NONPJ	matrix spike dup, rec	5/25/2023	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/25/2023	Cation	Calcium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/26/2023	Cation	Calcium	Total	=	61.3	mg/L	EPA 200.7	0.0736	0.5			
2022/23-6	000NONPJ	matrix spike, rec	5/26/2023	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/26/2023	Cation	Calcium	Total	=	61.9	mg/L	EPA 200.7	0.0736	0.5			
2022/23-6	000NONPJ	matrix spike dup, rec	5/26/2023	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/26/2023	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Cation	Calcium	Total	=	88.5	mg/L	EPA 200.7	0.0736	0.5			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Cation	Calcium	Total	=	89.1	mg/L	EPA 200.7	0.0736	0.5			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Cation	Calcium	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	000NONPJ	matrix spike	6/5/2023	Cation	Calcium	Total	=	162	mg/L	EPA 200.7	0.0736	0.5			
2022/23-6	000NONPJ	matrix spike, rec	6/5/2023	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/5/2023	Cation	Calcium	Total	=	160	mg/L	EPA 200.7	0.0736	0.5			
2022/23-6	000NONPJ	matrix spike dup, rec	6/5/2023	Cation	Calcium	Total	=	89	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/5/2023	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2022/23-6	Lab	method blank	5/25/2023	Cation	Calcium	Total	DNQ	0.307	mg/L	EPA 200.7	0.0736	0.5			IP
2022/23-6	Lab	LCS	5/25/2023	Cation	Calcium	Total	=	50.9	mg/L	EPA 200.7	0.0736	0.5			
2022/23-6	Lab	LCS, rec	5/25/2023	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2022/23-6	Lab	method blank	5/26/2023	Cation	Calcium	Total	<	0.0736	mg/L	EPA 200.7	0.0736	0.5			
2022/23-6	Lab	LCS	5/26/2023	Cation	Calcium	Total	=	49.8	mg/L	EPA 200.7	0.0736	0.5			
2022/23-6	Lab	LCS, rec	5/26/2023	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Cation	Calcium	Total	<	0.0736	mg/L	EPA 200.7	0.0736	0.5			
2022/23-6	Lab	LCS	5/31/2023	Cation	Calcium	Total	=	50	mg/L	EPA 200.7	0.0736	0.5			
2022/23-6	Lab	LCS, rec	5/31/2023	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2022/23-6	Lab	method blank	6/5/2023	Cation	Calcium	Total	<	0.0736	mg/L	EPA 200.7	0.0736	0.5			
2022/23-6	Lab	LCS	6/5/2023	Cation	Calcium	Total	=	50	mg/L	EPA 200.7	0.0736	0.5			
2022/23-6	Lab	LCS, rec	6/5/2023	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2022/23-6	ME-SCR	matrix spike	5/31/2023	Cation	Calcium	Total	=	153	mg/L	EPA 200.7	0.0736	0.5			
2022/23-6	ME-SCR	matrix spike, rec	5/31/2023	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2022/23-6	ME-SCR	matrix spike dup	5/31/2023	Cation	Calcium	Total	=	151	mg/L	EPA 200.7	0.0736	0.5			
2022/23-6	ME-SCR	matrix spike dup, rec	5/31/2023	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2022/23-6	ME-SCR	matrix spike, RPD	5/31/2023	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2022/23-6	MO-MEI	matrix spike	6/5/2023	Cation	Calcium	Total	=	130	mg/L	EPA 200.7	0.0736	0.5			
2022/23-6	MO-MEI	matrix spike, rec	6/5/2023	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2022/23-6	MO-MEI	matrix spike dup	6/5/2023	Cation	Calcium	Total	=	130	mg/L	EPA 200.7	0.0736	0.5			
2022/23-6	MO-MEI	matrix spike dup, rec	6/5/2023	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2022/23-6	MO-MEI	matrix spike, RPD	6/5/2023	Cation	Calcium	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/25/2023	Cation	Magnesium	Total	=	53.9	mg/L	EPA 200.7	0.039	0.5			
2022/23-6	000NONPJ	matrix spike, rec	5/25/2023	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/25/2023	Cation	Magnesium	Total	=	54.2	mg/L	EPA 200.7	0.039	0.5			
2022/23-6	000NONPJ	matrix spike dup, rec	5/25/2023	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/25/2023	Cation	Magnesium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/25/2023	Cation	Magnesium	Total	=	88.9	mg/L	EPA 200.7	0.039	0.5			
2022/23-6	000NONPJ	matrix spike, rec	5/25/2023	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/25/2023	Cation	Magnesium	Total	=	89.8	mg/L	EPA 200.7	0.039	0.5			
2022/23-6	000NONPJ	matrix spike dup, rec	5/25/2023	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/25/2023	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Cation	Magnesium	Total	=	55.9	mg/L	EPA 200.7	0.039	0.5			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Cation	Magnesium	Total	=	56.3	mg/L	EPA 200.7	0.039	0.5			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Cation	Magnesium	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/5/2023	Cation	Magnesium	Total	=	68.8	mg/L	EPA 200.7	0.039	0.5			
2022/23-6	000NONPJ	matrix spike, rec	6/5/2023	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/5/2023	Cation	Magnesium	Total	=	68.4	mg/L	EPA 200.7	0.039	0.5			
2022/23-6	000NONPJ	matrix spike dup, rec	6/5/2023	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/5/2023	Cation	Magnesium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	method blank	5/25/2023	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2022/23-6	Lab	LCS	5/25/2023	Cation	Magnesium	Total	=	49.6	mg/L	EPA 200.7	0.039	0.5			
2022/23-6	Lab	LCS, rec	5/25/2023	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2022/23-6	Lab	LCS	5/31/2023	Cation	Magnesium	Total	=	48.5	mg/L	EPA 200.7	0.039	0.5			
2022/23-6	Lab	LCS, rec	5/31/2023	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2022/23-6	Lab	method blank	6/5/2023	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2022/23-6	Lab	LCS	6/5/2023	Cation	Magnesium	Total	=	48.9	mg/L	EPA 200.7	0.039	0.5			
2022/23-6	Lab	LCS, rec	6/5/2023	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	85	115	
2022/23-6	ME-SCR	matrix spike	5/31/2023	Cation	Magnesium	Total	=	85.2	mg/L	EPA 200.7	0.039	0.5			
2022/23-6	ME-SCR	matrix spike, rec	5/31/2023	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2022/23-6	ME-SCR	matrix spike dup	5/31/2023	Cation	Magnesium	Total	=	84.2	mg/L	EPA 200.7	0.039	0.5			
2022/23-6	ME-SCR	matrix spike dup, rec	5/31/2023	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2022/23-6	ME-SCR	matrix spike, RPD	5/31/2023	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2022/23-6	MO-MEI	matrix spike	6/5/2023	Cation	Magnesium	Total	=	220	mg/L	EPA 200.7	0.039	0.5			
2022/23-6	MO-MEI	matrix spike, rec	6/5/2023	Cation	Magnesium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2022/23-6	MO-MEI	matrix spike dup	6/5/2023	Cation	Magnesium	Total	=	220	mg/L	EPA 200.7	0.039	0.5			
2022/23-6	MO-MEI	matrix spike dup, rec	6/5/2023	Cation	Magnesium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2022/23-6	MO-MEI	matrix spike, RPD	6/5/2023	Cation	Magnesium	Total	=	0.08	%	EPA 200.7	-88	-88	0	30	
2022/23-6	000NONPJ	lab duplicate	5/22/2023	Conventional	Alkalinity as CaCO3	n/a	=	266	mg/L	SM 2320 B	1.9	5		15	
2022/23-6	000NONPJ	lab duplicate	5/26/2023	Conventional	Alkalinity as CaCO3	n/a	=	162	mg/L	SM 2320 B	1.9	5		15	
2022/23-6	000NONPJ	lab duplicate	5/30/2023	Conventional	Alkalinity as CaCO3	n/a	=	302	mg/L	SM 2320 B	1.9	5		15	
2022/23-6	Lab	method blank	5/22/2023	Conventional	Alkalinity as CaCO3	n/a	<	1.9	mg/L	SM 2320 B	1.9	5			
2022/23-6	Lab	method blank	5/22/2023	Conventional	Alkalinity as CaCO3	n/a	<	1.9	mg/L	SM 2320 B	1.9	5			
2022/23-6	Lab	method blank	5/22/2023	Conventional	Alkalinity as CaCO3	n/a	<	1.9	mg/L	SM 2320 B	1.9	5			
2022/23-6	Lab	LCS	5/22/2023	Conventional	Alkalinity as CaCO3	n/a	=	267	mg/L	SM 2320 B	1.9	5			
2022/23-6	Lab	LCS, rec	5/22/2023	Conventional	Alkalinity as CaCO3	n/a	=	107	%	SM 2320 B	-88	-88	94	108	
2022/23-6	Lab	method blank	5/26/2023	Conventional	Alkalinity as CaCO3	n/a	DNQ	3.45	mg/L	SM 2320 B	1.9	5			IP
2022/23-6	Lab	LCS	5/26/2023	Conventional	Alkalinity as CaCO3	n/a	=	250	mg/L	SM 2320 B	1.9	5			
2022/23-6	Lab	LCS, rec	5/26/2023	Conventional	Alkalinity as CaCO3	n/a	=	100	%	SM 2320 B	-88	-88	94	108	
2022/23-6	Lab	method blank	5/30/2023	Conventional	Alkalinity as CaCO3	n/a	DNQ	4.34	mg/L	SM 2320 B	1.9	5			IP
2022/23-6	Lab	method blank	5/30/2023	Conventional	Alkalinity as CaCO3	n/a	DNQ	2.32	mg/L	SM 2320 B	1.9	5			IP
2022/23-6	Lab	method blank	5/30/2023	Conventional	Alkalinity as CaCO3	n/a	DNQ	2.81	mg/L	SM 2320 B	1.9	5			IP
2022/23-6	Lab	LCS	5/30/2023	Conventional	Alkalinity as CaCO3	n/a	=	252	mg/L	SM 2320 B	1.9	5			
2022/23-6	Lab	LCS, rec	5/30/2023	Conventional	Alkalinity as CaCO3	n/a	=	101	%	SM 2320 B	-88	-88	94	108	
2022/23-6	Lab	LCS	6/6/2023	Conventional	Alkalinity as CaCO3	n/a	=	50.9	mg/L	SM 2320 B	1.9	5			
2022/23-6	Lab	LCS, rec	6/6/2023	Conventional	Alkalinity as CaCO3	n/a	=	102	%	SM 2320 B	-88	-88	94	108	
2022/23-6	000NONPJ	lab duplicate	5/22/2023	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2		20	
2022/23-6	000NONPJ	lab duplicate	5/24/2023	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2		20	
2022/23-6	Lab	method blank	5/22/2023	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-6	Lab	method blank	5/22/2023	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-6	Lab	method blank	5/22/2023	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-6	Lab	LCS	5/22/2023	Conventional	BOD	n/a	=	192	mg/L	SM 5210 B	2	2			
2022/23-6	Lab	LCS, rec	5/22/2023	Conventional	BOD	n/a	=	97	%	SM 5210 B	-88	-88	85	115	
2022/23-6	Lab	method blank	5/24/2023	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-6	Lab	method blank	5/24/2023	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-6	Lab	method blank	5/24/2023	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS	5/24/2023	Conventional	BOD	n/a	=	171	mg/L	SM 5210 B	2	2			
2022/23-6	Lab	LCS, rec	5/24/2023	Conventional	BOD	n/a	=	86	%	SM 5210 B	-88	-88	85	115	
2022/23-6	Lab	method blank	5/30/2023	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-6	Lab	method blank	5/30/2023	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2			
2022/23-6	Lab	LCS	5/30/2023	Conventional	BOD	n/a	=	188	mg/L	SM 5210 B	2	2			
2022/23-6	Lab	LCS, rec	5/30/2023	Conventional	BOD	n/a	=	95	%	SM 5210 B	-88	-88	85	115	
2022/23-6	MO-HUE	lab duplicate	5/30/2023	Conventional	BOD	n/a	<	2	mg/L	SM 5210 B	2	2		20	
2022/23-6	000NONPJ	lab duplicate	6/5/2023	Conventional	COD	n/a	=	418	mg/L	EPA 410.4	5.8	10		15	
2022/23-6	000NONPJ	matrix spike	6/5/2023	Conventional	COD	n/a	=	2430	mg/L	EPA 410.4	12	20			
2022/23-6	000NONPJ	matrix spike dup	6/5/2023	Conventional	COD	n/a	=	2520	mg/L	EPA 410.4	12	20			
2022/23-6	000NONPJ	matrix spike dup, rec	6/5/2023	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, rec	6/5/2023	Conventional	COD	n/a	=	97	%	EPA 410.4	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	6/5/2023	Conventional	COD	n/a	=	4	%	EPA 410.4	-88	-88	0	15	
2022/23-6	000NONPJ	matrix spike	6/6/2023	Conventional	COD	n/a	=	211	mg/L	EPA 410.4	12	20			
2022/23-6	000NONPJ	matrix spike dup	6/6/2023	Conventional	COD	n/a	=	198	mg/L	EPA 410.4	12	20			
2022/23-6	000NONPJ	matrix spike dup, rec	6/6/2023	Conventional	COD	n/a	=	92	%	EPA 410.4	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, rec	6/6/2023	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	6/6/2023	Conventional	COD	n/a	=	7	%	EPA 410.4	-88	-88	0	15	
2022/23-6	000NONPJ	lab duplicate	6/6/2023	Conventional	COD	n/a	=	1860	mg/L	EPA 410.4	29	50		15	
2022/23-6	000NONPJ	matrix spike	6/6/2023	Conventional	COD	n/a	=	2620	mg/L	EPA 410.4	12	20			
2022/23-6	000NONPJ	matrix spike dup	6/6/2023	Conventional	COD	n/a	=	2520	mg/L	EPA 410.4	12	20			
2022/23-6	000NONPJ	matrix spike dup, rec	6/6/2023	Conventional	COD	n/a	=	105	%	EPA 410.4	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, rec	6/6/2023	Conventional	COD	n/a	=	110	%	EPA 410.4	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	6/6/2023	Conventional	COD	n/a	=	4	%	EPA 410.4	-88	-88	0	15	
2022/23-6	000NONPJ	matrix spike	6/12/2023	Conventional	COD	n/a	=	2200	mg/L	EPA 410.4	12	20			
2022/23-6	000NONPJ	matrix spike, rec	6/12/2023	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	6/12/2023	Conventional	COD	n/a	=	2340	mg/L	EPA 410.4	12	20			
2022/23-6	000NONPJ	matrix spike dup, rec	6/12/2023	Conventional	COD	n/a	=	105	%	EPA 410.4	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	6/12/2023	Conventional	COD	n/a	=	6	%	EPA 410.4	-88	-88	0	15	
2022/23-6	000NONPJ	lab duplicate	6/12/2023	Conventional	COD	n/a	=	4180	mg/L	EPA 410.4	58	100		15	
2022/23-6	Lab	method blank	6/5/2023	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2022/23-6	Lab	LCS	6/5/2023	Conventional	COD	n/a	=	1000	mg/L	EPA 410.4	2.9	5			
2022/23-6	Lab	LCS, rec	6/5/2023	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2022/23-6	Lab	LCS	6/6/2023	Conventional	COD	n/a	=	1070	mg/L	EPA 410.4	2.9	5			
2022/23-6	Lab	LCS, rec	6/6/2023	Conventional	COD	n/a	=	107	%	EPA 410.4	-88	-88	90	110	
2022/23-6	Lab	method blank	6/7/2023	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2022/23-6	Lab	LCS	6/12/2023	Conventional	COD	n/a	=	1000	mg/L	EPA 410.4	2.9	5			
2022/23-6	Lab	LCS, rec	6/12/2023	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2022/23-6	Lab	method blank	6/12/2023	Conventional	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5			
2022/23-6	ME-CC	matrix spike	6/5/2023	Conventional	COD	n/a	=	214	mg/L	EPA 410.4	12	20			
2022/23-6	ME-CC	matrix spike, rec	6/5/2023	Conventional	COD	n/a	=	97	%	EPA 410.4	-88	-88	90	110	
2022/23-6	ME-CC	matrix spike dup	6/5/2023	Conventional	COD	n/a	=	231	mg/L	EPA 410.4	12	20			
2022/23-6	ME-CC	matrix spike dup, rec	6/5/2023	Conventional	COD	n/a	=	105	%	EPA 410.4	-88	-88	90	110	
2022/23-6	ME-CC	matrix spike, RPD	6/5/2023	Conventional	COD	n/a	=	7	%	EPA 410.4	-88	-88	0	15	
2022/23-6	MO-HUE	matrix spike	6/12/2023	Conventional	COD	n/a	=	271	mg/L	EPA 410.4	12	20			
2022/23-6	MO-HUE	matrix spike dup	6/12/2023	Conventional	COD	n/a	=	258	mg/L	EPA 410.4	12	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	
2022/23-6	MO-HUE	matrix spike dup, rec	6/12/2023	Conventional	COD	n/a	=	92	%	EPA 410.4	-88	-88	90	110	
2022/23-6	MO-HUE	matrix spike, rec	6/12/2023	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2022/23-6	MO-HUE	matrix spike, RPD	6/12/2023	Conventional	COD	n/a	=	5	%	EPA 410.4	-88	-88	0	15	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Conventional	Cyanide	Total	=	0.0534	mg/L	ASTM D7511	0.0006	0.002			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Conventional	Cyanide	Total	=	101	%	ASTM D7511	-88	-88	64	136	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Conventional	Cyanide	Total	=	0.0544	mg/L	ASTM D7511	0.0006	0.002			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Conventional	Cyanide	Total	=	103	%	ASTM D7511	-88	-88	64	136	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Conventional	Cyanide	Total	=	2	%	ASTM D7511	-88	-88	0	47	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Conventional	Cyanide	Total	=	0.05	mg/L	ASTM D7511	0.0006	0.002			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Conventional	Cyanide	Total	=	96	%	ASTM D7511	-88	-88	64	136	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Conventional	Cyanide	Total	=	0.051	mg/L	ASTM D7511	0.0006	0.002			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	64	136	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Conventional	Cyanide	Total	=	2	%	ASTM D7511	-88	-88	0	47	
2022/23-6	Lab	LCS	5/23/2023	Conventional	Cyanide	Total	=	0.0538	mg/L	ASTM D7511	0.0006	0.002			
2022/23-6	Lab	LCS, rec	5/23/2023	Conventional	Cyanide	Total	=	108	%	ASTM D7511	-88	-88	84	116	
2022/23-6	Lab	method blank	5/23/2023	Conventional	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002			
2022/23-6	Lab	LCS	5/31/2023	Conventional	Cyanide	Total	=	0.0542	mg/L	ASTM D7511	0.0006	0.002			
2022/23-6	Lab	LCS, rec	5/31/2023	Conventional	Cyanide	Total	=	108	%	ASTM D7511	-88	-88	84	116	
2022/23-6	Lab	method blank	5/31/2023	Conventional	Cyanide	Total	DNQ	0.0007	mg/L	ASTM D7511	0.0006	0.002			IP
2022/23-6	Lab	method blank	5/31/2023	Conventional	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002			
2022/23-6	Lab	LCS	5/31/2023	Conventional	Cyanide	Total	=	0.0526	mg/L	ASTM D7511	0.0006	0.002			
2022/23-6	Lab	LCS, rec	5/31/2023	Conventional	Cyanide	Total	=	105	%	ASTM D7511	-88	-88	84	116	
2022/23-6	ME-CC	matrix spike	5/23/2023	Conventional	Cyanide	Total	=	0.0488	mg/L	ASTM D7511	0.0006	0.002			
2022/23-6	ME-CC	matrix spike, rec	5/23/2023	Conventional	Cyanide	Total	=	98	%	ASTM D7511	-88	-88	64	136	
2022/23-6	ME-CC	matrix spike dup	5/23/2023	Conventional	Cyanide	Total	=	0.0498	mg/L	ASTM D7511	0.0006	0.002			
2022/23-6	ME-CC	matrix spike dup, rec	5/23/2023	Conventional	Cyanide	Total	=	100	%	ASTM D7511	-88	-88	64	136	
2022/23-6	ME-CC	matrix spike, RPD	5/23/2023	Conventional	Cyanide	Total	=	2	%	ASTM D7511	-88	-88	0	47	
2022/23-6	000NONPJ	matrix spike	5/17/2023	Conventional	MBAS	n/a	=	0.204	mg/L	SM 5540 C	0.023	0.05			
2022/23-6	000NONPJ	matrix spike dup	5/17/2023	Conventional	MBAS	n/a	=	0.203	mg/L	SM 5540 C	0.023	0.05			
2022/23-6	000NONPJ	matrix spike dup, rec	5/17/2023	Conventional	MBAS	n/a	=	102	%	SM 5540 C	-88	-88	74	123	
2022/23-6	000NONPJ	matrix spike, rec	5/17/2023	Conventional	MBAS	n/a	=	102	%	SM 5540 C	-88	-88	74	123	
2022/23-6	000NONPJ	matrix spike, RPD	5/17/2023	Conventional	MBAS	n/a	=	0.5	%	SM 5540 C	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/19/2023	Conventional	MBAS	n/a	=	0.193	mg/L	SM 5540 C	0.023	0.05			
2022/23-6	000NONPJ	matrix spike, rec	5/19/2023	Conventional	MBAS	n/a	=	96	%	SM 5540 C	-88	-88	74	123	
2022/23-6	000NONPJ	matrix spike dup	5/19/2023	Conventional	MBAS	n/a	=	0.188	mg/L	SM 5540 C	0.023	0.05			
2022/23-6	000NONPJ	matrix spike dup, rec	5/19/2023	Conventional	MBAS	n/a	=	94	%	SM 5540 C	-88	-88	74	123	
2022/23-6	000NONPJ	matrix spike, RPD	5/19/2023	Conventional	MBAS	n/a	=	3	%	SM 5540 C	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/24/2023	Conventional	MBAS	n/a	=	0.194	mg/L	SM 5540 C	0.023	0.05			
2022/23-6	000NONPJ	matrix spike dup	5/24/2023	Conventional	MBAS	n/a	=	0.184	mg/L	SM 5540 C	0.023	0.05			
2022/23-6	000NONPJ	matrix spike dup, rec	5/24/2023	Conventional	MBAS	n/a	=	92	%	SM 5540 C	-88	-88	74	123	
2022/23-6	000NONPJ	matrix spike, rec	5/24/2023	Conventional	MBAS	n/a	=	97	%	SM 5540 C	-88	-88	74	123	
2022/23-6	000NONPJ	matrix spike, RPD	5/24/2023	Conventional	MBAS	n/a	=	5	%	SM 5540 C	-88	-88	0	20	
2022/23-6	Lab	LCS	5/17/2023	Conventional	MBAS	n/a	=	0.192	mg/L	SM 5540 C	0.023	0.05			
2022/23-6	Lab	LCS, rec	5/17/2023	Conventional	MBAS	n/a	=	96	%	SM 5540 C	-88	-88	82	115	
2022/23-6	Lab	method blank	5/17/2023	Conventional	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05			
2022/23-6	Lab	LCS	5/19/2023	Conventional	MBAS	n/a	=	0.193	mg/L	SM 5540 C	0.023	0.05			
2022/23-6	Lab	LCS, rec	5/19/2023	Conventional	MBAS	n/a	=	96	%	SM 5540 C	-88	-88	82	115	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	method blank	5/19/2023	Conventional	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05			
2022/23-6	Lab	LCS	5/24/2023	Conventional	MBAS	n/a	=	0.211	mg/L	SM 5540 C	0.023	0.05			
2022/23-6	Lab	LCS, rec	5/24/2023	Conventional	MBAS	n/a	=	106	%	SM 5540 C	-88	-88	82	115	
2022/23-6	Lab	method blank	5/24/2023	Conventional	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05			
2022/23-6	Lab	method blank	5/24/2023	Conventional	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05			
2022/23-6	Lab	LCS	5/24/2023	Conventional	MBAS	n/a	=	0.195	mg/L	SM 5540 C	0.023	0.05			
2022/23-6	Lab	LCS, rec	5/24/2023	Conventional	MBAS	n/a	=	97	%	SM 5540 C	-88	-88	82	115	
2022/23-6	ME-VR2	matrix spike	5/24/2023	Conventional	MBAS	n/a	=	0.186	mg/L	SM 5540 C	0.023	0.05			
2022/23-6	ME-VR2	matrix spike, rec	5/24/2023	Conventional	MBAS	n/a	=	93	%	SM 5540 C	-88	-88	74	123	
2022/23-6	ME-VR2	matrix spike dup	5/24/2023	Conventional	MBAS	n/a	=	0.188	mg/L	SM 5540 C	0.023	0.05			
2022/23-6	ME-VR2	matrix spike dup, rec	5/24/2023	Conventional	MBAS	n/a	=	94	%	SM 5540 C	-88	-88	74	123	
2022/23-6	ME-VR2	matrix spike, RPD	5/24/2023	Conventional	MBAS	n/a	=	1	%	SM 5540 C	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/24/2023	Conventional	Phenolics	n/a	=	0.264	mg/L	EPA 420.4	0.0068	0.01			
2022/23-6	000NONPJ	matrix spike, rec	5/24/2023	Conventional	Phenolics	n/a	=	106	%	EPA 420.4	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	5/24/2023	Conventional	Phenolics	n/a	=	0.265	mg/L	EPA 420.4	0.0068	0.01			
2022/23-6	000NONPJ	matrix spike dup, rec	5/24/2023	Conventional	Phenolics	n/a	=	106	%	EPA 420.4	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	5/24/2023	Conventional	Phenolics	n/a	=	0.2	%	EPA 420.4	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/24/2023	Conventional	Phenolics	n/a	=	0.25	mg/L	EPA 420.4	0.0068	0.01			
2022/23-6	000NONPJ	matrix spike, rec	5/24/2023	Conventional	Phenolics	n/a	=	100	%	EPA 420.4	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	5/24/2023	Conventional	Phenolics	n/a	=	0.251	mg/L	EPA 420.4	0.0068	0.01			
2022/23-6	000NONPJ	matrix spike dup, rec	5/24/2023	Conventional	Phenolics	n/a	=	100	%	EPA 420.4	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	5/24/2023	Conventional	Phenolics	n/a	=	0.07	%	EPA 420.4	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	6/6/2023	Conventional	Phenolics	n/a	=	0.237	mg/L	EPA 420.4	0.0068	0.01			
2022/23-6	000NONPJ	matrix spike, rec	6/6/2023	Conventional	Phenolics	n/a	=	91	%	EPA 420.4	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	6/6/2023	Conventional	Phenolics	n/a	=	0.24	mg/L	EPA 420.4	0.0068	0.01			
2022/23-6	000NONPJ	matrix spike dup, rec	6/6/2023	Conventional	Phenolics	n/a	=	92	%	EPA 420.4	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	6/6/2023	Conventional	Phenolics	n/a	=	1	%	EPA 420.4	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	6/6/2023	Conventional	Phenolics	n/a	=	0.252	mg/L	EPA 420.4	0.0068	0.01			
2022/23-6	000NONPJ	matrix spike, rec	6/6/2023	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	6/6/2023	Conventional	Phenolics	n/a	=	0.251	mg/L	EPA 420.4	0.0068	0.01			
2022/23-6	000NONPJ	matrix spike dup, rec	6/6/2023	Conventional	Phenolics	n/a	=	96	%	EPA 420.4	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	6/6/2023	Conventional	Phenolics	n/a	=	0.2	%	EPA 420.4	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	6/9/2023	Conventional	Phenolics	n/a	=	0.253	mg/L	EPA 420.4	0.0068	0.01			
2022/23-6	000NONPJ	matrix spike, rec	6/9/2023	Conventional	Phenolics	n/a	=	101	%	EPA 420.4	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	6/9/2023	Conventional	Phenolics	n/a	=	0.254	mg/L	EPA 420.4	0.0068	0.01			
2022/23-6	000NONPJ	matrix spike dup, rec	6/9/2023	Conventional	Phenolics	n/a	=	102	%	EPA 420.4	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	6/9/2023	Conventional	Phenolics	n/a	=	0.6	%	EPA 420.4	-88	-88	0	20	
2022/23-6	Lab	method blank	5/24/2023	Conventional	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01			
2022/23-6	Lab	LCS	5/24/2023	Conventional	Phenolics	n/a	=	0.105	mg/L	EPA 420.4	0.0068	0.01			
2022/23-6	Lab	LCS, rec	5/24/2023	Conventional	Phenolics	n/a	=	105	%	EPA 420.4	-88	-88	90	110	
2022/23-6	Lab	LCS	5/24/2023	Conventional	Phenolics	n/a	=	0.0972	mg/L	EPA 420.4	0.0068	0.01			
2022/23-6	Lab	LCS, rec	5/24/2023	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	
2022/23-6	Lab	LCS	5/24/2023	Conventional	Phenolics	n/a	=	0.0954	mg/L	EPA 420.4	0.0068	0.01			
2022/23-6	Lab	LCS, rec	5/24/2023	Conventional	Phenolics	n/a	=	95	%	EPA 420.4	-88	-88	90	110	
2022/23-6	Lab	LCS	5/24/2023	Conventional	Phenolics	n/a	=	0.0981	mg/L	EPA 420.4	0.0068	0.01			
2022/23-6	Lab	LCS, rec	5/24/2023	Conventional	Phenolics	n/a	=	98	%	EPA 420.4	-88	-88	90	110	
2022/23-6	Lab	LCS	5/24/2023	Conventional	Phenolics	n/a	=	0.107	mg/L	EPA 420.4	0.0068	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	
2022/23-6	Lab	LCS, rec	5/24/2023	Conventional	Phenolics	n/a	=	107	%	EPA 420.4	-88	-88	90	110	
2022/23-6	Lab	method blank	6/6/2023	Conventional	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01			
2022/23-6	Lab	LCS	6/6/2023	Conventional	Phenolics	n/a	=	0.103	mg/L	EPA 420.4	0.0068	0.01			
2022/23-6	Lab	LCS, rec	6/6/2023	Conventional	Phenolics	n/a	=	103	%	EPA 420.4	-88	-88	90	110	
2022/23-6	Lab	method blank	6/9/2023	Conventional	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01			
2022/23-6	Lab	LCS	6/9/2023	Conventional	Phenolics	n/a	=	0.102	mg/L	EPA 420.4	0.0068	0.01			
2022/23-6	Lab	LCS, rec	6/9/2023	Conventional	Phenolics	n/a	=	102	%	EPA 420.4	-88	-88	90	110	
2022/23-6	000NONPJ	lab duplicate	6/13/2023	Conventional	Specific Conductance	n/a	=	6460	µmhos/cm	SM 2510 B	1.1	200		5	
2022/23-6	Lab	method blank	6/6/2023	Conventional	Specific Conductance	n/a	<	1.1	µmhos/cm	SM 2510 B	1.1	2			
2022/23-6	Lab	LCS	6/6/2023	Conventional	Specific Conductance	n/a	=	441	µmhos/cm	SM 2510 B	1.1	2			
2022/23-6	Lab	LCS, rec	6/6/2023	Conventional	Specific Conductance	n/a	=	99	%	SM 2510 B	-88	-88	95	105	
2022/23-6	Lab	method blank	6/7/2023	Conventional	Specific Conductance	n/a	<	1.1	µmhos/cm	SM 2510 B	1.1	2			
2022/23-6	Lab	LCS	6/7/2023	Conventional	Specific Conductance	n/a	=	442	µmhos/cm	SM 2510 B	1.1	2			
2022/23-6	Lab	LCS, rec	6/7/2023	Conventional	Specific Conductance	n/a	=	99	%	SM 2510 B	-88	-88	95	105	
2022/23-6	Lab	method blank	6/9/2023	Conventional	Specific Conductance	n/a	<	1.1	µmhos/cm	SM 2510 B	1.1	2			
2022/23-6	Lab	LCS	6/9/2023	Conventional	Specific Conductance	n/a	=	449	µmhos/cm	SM 2510 B	1.1	2			
2022/23-6	Lab	LCS, rec	6/9/2023	Conventional	Specific Conductance	n/a	=	101	%	SM 2510 B	-88	-88	95	105	
2022/23-6	Lab	method blank	6/13/2023	Conventional	Specific Conductance	n/a	DNQ	12.4	µmhos/cm	SM 2510 B	1.1	200			IP
2022/23-6	Lab	LCS	6/13/2023	Conventional	Specific Conductance	n/a	=	25000	µmhos/cm	SM 2510 B	1.1	200			
2022/23-6	Lab	LCS, rec	6/13/2023	Conventional	Specific Conductance	n/a	=	100	%	SM 2510 B	-88	-88	95	105	
2022/23-6	MO-CAM	lab duplicate	6/6/2023	Conventional	Specific Conductance	n/a	=	2790	µmhos/cm	SM 2510 B	4.3	8		5	
2022/23-6	MO-MEI	lab duplicate	6/9/2023	Conventional	Specific Conductance	n/a	=	2160	µmhos/cm	SM 2510 B	4.3	8		5	
2022/23-6	MO-SIM	lab duplicate	6/7/2023	Conventional	Specific Conductance	n/a	=	3940	µmhos/cm	SM 2510 B	5.4	10		5	
2022/23-6	000NONPJ	lab duplicate	5/17/2023	Conventional	Total Chlorine Residual	n/a	<	0.031	mg/L	SM 4500-Cl G	0.031	0.05	0	15	
2022/23-6	000NONPJ	matrix spike	5/17/2023	Conventional	Total Chlorine Residual	n/a	=	0.192	mg/L	SM 4500-Cl G	0.031	0.05			
2022/23-6	000NONPJ	matrix spike, rec	5/17/2023	Conventional	Total Chlorine Residual	n/a	=	96	%	SM 4500-Cl G	-88	-88	78	114	
2022/23-6	000NONPJ	matrix spike dup	5/17/2023	Conventional	Total Chlorine Residual	n/a	=	0.195	mg/L	SM 4500-Cl G	0.031	0.05			
2022/23-6	000NONPJ	matrix spike dup, rec	5/17/2023	Conventional	Total Chlorine Residual	n/a	=	97	%	SM 4500-Cl G	-88	-88	78	114	
2022/23-6	000NONPJ	matrix spike, RPD	5/17/2023	Conventional	Total Chlorine Residual	n/a	=	2	%	SM 4500-Cl G	-88	-88	0	15	
2022/23-6	Lab	method blank	5/17/2023	Conventional	Total Chlorine Residual	n/a	<	0.031	mg/L	SM 4500-Cl G	0.031	0.05			
2022/23-6	Lab	LCS	5/17/2023	Conventional	Total Chlorine Residual	n/a	=	0.196	mg/L	SM 4500-Cl G	0.031	0.05			
2022/23-6	Lab	LCS, rec	5/17/2023	Conventional	Total Chlorine Residual	n/a	=	98	%	SM 4500-Cl G	-88	-88	85	110	
2022/23-6	Lab	method blank	5/25/2023	Conventional	Total Chlorine Residual	n/a	<	0.031	mg/L	SM 4500-Cl G	0.031	0.05			
2022/23-6	Lab	LCS	5/25/2023	Conventional	Total Chlorine Residual	n/a	=	0.206	mg/L	SM 4500-Cl G	0.031	0.05			
2022/23-6	Lab	LCS, rec	5/25/2023	Conventional	Total Chlorine Residual	n/a	=	103	%	SM 4500-Cl G	-88	-88	85	110	
2022/23-6	ME-VR2	lab duplicate	5/25/2023	Conventional	Total Chlorine Residual	n/a	<	0.031	mg/L	SM 4500-Cl G	0.031	0.05	0	15	
2022/23-6	ME-VR2	matrix spike	5/25/2023	Conventional	Total Chlorine Residual	n/a	=	0.784	mg/L	SM 4500-Cl G	0.12	0.2			
2022/23-6	ME-VR2	matrix spike, rec	5/25/2023	Conventional	Total Chlorine Residual	n/a	=	98	%	SM 4500-Cl G	-88	-88	78	114	
2022/23-6	ME-VR2	matrix spike dup	5/25/2023	Conventional	Total Chlorine Residual	n/a	=	0.828	mg/L	SM 4500-Cl G	0.12	0.2			
2022/23-6	ME-VR2	matrix spike dup, rec	5/25/2023	Conventional	Total Chlorine Residual	n/a	=	104	%	SM 4500-Cl G	-88	-88	78	114	
2022/23-6	ME-VR2	matrix spike, RPD	5/25/2023	Conventional	Total Chlorine Residual	n/a	=	5	%	SM 4500-Cl G	-88	-88	0	15	
2022/23-6	000NONPJ	lab duplicate	5/18/2023	Conventional	Total Dissolved Solids	n/a	=	16800	mg/L	SM 2540 C	4	10		10	
2022/23-6	000NONPJ	lab duplicate	5/18/2023	Conventional	Total Dissolved Solids	n/a	=	37600	mg/L	SM 2540 C	4	10		10	
2022/23-6	000NONPJ	lab duplicate	5/19/2023	Conventional	Total Dissolved Solids	n/a	=	3990	mg/L	SM 2540 C	4	10		10	
2022/23-6	000NONPJ	lab duplicate	5/19/2023	Conventional	Total Dissolved Solids	n/a	=	1650	mg/L	SM 2540 C	4	10		10	
2022/23-6	000NONPJ	lab duplicate	5/22/2023	Conventional	Total Dissolved Solids	n/a	=	781	mg/L	SM 2540 C	4	10		10	
2022/23-6	000NONPJ	lab duplicate	5/25/2023	Conventional	Total Dissolved Solids	n/a	=	2890	mg/L	SM 2540 C	4	10		10	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	000NONPJ	lab duplicate	5/25/2023	Conventional	Total Dissolved Solids	n/a	=	2600	mg/L	SM 2540 C	4	10		10	
2022/23-6	000NONPJ	lab duplicate	5/25/2023	Conventional	Total Dissolved Solids	n/a	=	12500	mg/L	SM 2540 C	4	10		10	
2022/23-6	000NONPJ	lab duplicate	5/25/2023	Conventional	Total Dissolved Solids	n/a	=	83000	mg/L	SM 2540 C	40	100		10	
2022/23-6	Lab	LCS	5/18/2023	Conventional	Total Dissolved Solids	n/a	=	824	mg/L	SM 2540 C	4	10			
2022/23-6	Lab	LCS, rec	5/18/2023	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	96	102	
2022/23-6	Lab	method blank	5/18/2023	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2022/23-6	Lab	LCS	5/19/2023	Conventional	Total Dissolved Solids	n/a	=	818	mg/L	SM 2540 C	4	10			
2022/23-6	Lab	LCS, rec	5/19/2023	Conventional	Total Dissolved Solids	n/a	=	99	%	SM 2540 C	-88	-88	96	102	
2022/23-6	Lab	method blank	5/19/2023	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2022/23-6	Lab	LCS	5/22/2023	Conventional	Total Dissolved Solids	n/a	=	833	mg/L	SM 2540 C	4	10			
2022/23-6	Lab	LCS, rec	5/22/2023	Conventional	Total Dissolved Solids	n/a	=	101	%	SM 2540 C	-88	-88	96	102	
2022/23-6	Lab	method blank	5/22/2023	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2022/23-6	Lab	LCS	5/25/2023	Conventional	Total Dissolved Solids	n/a	=	824	mg/L	SM 2540 C	4	10			
2022/23-6	Lab	LCS, rec	5/25/2023	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	96	102	
2022/23-6	Lab	method blank	5/25/2023	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2022/23-6	Lab	LCS	5/25/2023	Conventional	Total Dissolved Solids	n/a	=	820	mg/L	SM 2540 C	4	10			
2022/23-6	Lab	LCS, rec	5/25/2023	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	96	102	
2022/23-6	Lab	method blank	5/25/2023	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2022/23-6	MO-VEN	lab duplicate	5/22/2023	Conventional	Total Dissolved Solids	n/a	=	4630	mg/L	SM 2540 C	4	10		10	
2022/23-6	000NONPJ	matrix spike	5/30/2023	Conventional	Total Organic Carbon	n/a	=	5.5	mg/L	SM 5310 B	0.19	0.3			
2022/23-6	000NONPJ	matrix spike, rec	5/30/2023	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 B	-88	-88	76	115	
2022/23-6	000NONPJ	matrix spike dup	5/30/2023	Conventional	Total Organic Carbon	n/a	=	5.39	mg/L	SM 5310 B	0.19	0.3			
2022/23-6	000NONPJ	matrix spike dup, rec	5/30/2023	Conventional	Total Organic Carbon	n/a	=	97	%	SM 5310 B	-88	-88	76	115	
2022/23-6	000NONPJ	matrix spike, RPD	5/30/2023	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 B	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/30/2023	Conventional	Total Organic Carbon	n/a	=	4.8	mg/L	SM 5310 B	0.19	0.3			
2022/23-6	000NONPJ	matrix spike, rec	5/30/2023	Conventional	Total Organic Carbon	n/a	=	91	%	SM 5310 B	-88	-88	76	115	
2022/23-6	000NONPJ	matrix spike dup	5/30/2023	Conventional	Total Organic Carbon	n/a	=	4.77	mg/L	SM 5310 B	0.19	0.3			
2022/23-6	000NONPJ	matrix spike dup, rec	5/30/2023	Conventional	Total Organic Carbon	n/a	=	91	%	SM 5310 B	-88	-88	76	115	
2022/23-6	000NONPJ	matrix spike, RPD	5/30/2023	Conventional	Total Organic Carbon	n/a	=	0.6	%	SM 5310 B	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Conventional	Total Organic Carbon	n/a	=	4.86	mg/L	SM 5310 B	0.19	0.3			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Conventional	Total Organic Carbon	n/a	=	91	%	SM 5310 B	-88	-88	76	115	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Conventional	Total Organic Carbon	n/a	=	4.82	mg/L	SM 5310 B	0.19	0.3			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Conventional	Total Organic Carbon	n/a	=	91	%	SM 5310 B	-88	-88	76	115	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Conventional	Total Organic Carbon	n/a	=	0.8	%	SM 5310 B	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	6/2/2023	Conventional	Total Organic Carbon	n/a	=	4.73	mg/L	SM 5310 B	0.19	0.3			
2022/23-6	000NONPJ	matrix spike, rec	6/2/2023	Conventional	Total Organic Carbon	n/a	=	90	%	SM 5310 B	-88	-88	76	115	
2022/23-6	000NONPJ	matrix spike dup	6/2/2023	Conventional	Total Organic Carbon	n/a	=	4.66	mg/L	SM 5310 B	0.19	0.3			
2022/23-6	000NONPJ	matrix spike dup, rec	6/2/2023	Conventional	Total Organic Carbon	n/a	=	89	%	SM 5310 B	-88	-88	76	115	
2022/23-6	000NONPJ	matrix spike, RPD	6/2/2023	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 B	-88	-88	0	20	
2022/23-6	Lab	method blank	5/30/2023	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2022/23-6	Lab	LCS	5/30/2023	Conventional	Total Organic Carbon	n/a	=	0.945	mg/L	SM 5310 B	0.19	0.3			
2022/23-6	Lab	LCS, rec	5/30/2023	Conventional	Total Organic Carbon	n/a	=	95	%	SM 5310 B	-88	-88	85	115	
2022/23-6	Lab	method blank	5/30/2023	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2022/23-6	Lab	LCS	5/30/2023	Conventional	Total Organic Carbon	n/a	=	1.02	mg/L	SM 5310 B	0.19	0.3			
2022/23-6	Lab	LCS, rec	5/30/2023	Conventional	Total Organic Carbon	n/a	=	102	%	SM 5310 B	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2022/23-6	Lab	LCS	5/31/2023	Conventional	Total Organic Carbon	n/a	=	1.04	mg/L	SM 5310 B	0.19	0.3			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, rec	5/31/2023	Conventional	Total Organic Carbon	n/a	=	104	%	SM 5310 B	-88	-88	85	115	
2022/23-6	Lab	method blank	6/2/2023	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2022/23-6	Lab	LCS	6/2/2023	Conventional	Total Organic Carbon	n/a	=	1.04	mg/L	SM 5310 B	0.19	0.3			
2022/23-6	Lab	LCS, rec	6/2/2023	Conventional	Total Organic Carbon	n/a	=	104	%	SM 5310 B	-88	-88	85	115	
2022/23-6	000NONPJ	lab duplicate	5/18/2023	Conventional	Total Suspended Solids	n/a	=	31.2	mg/L	SM 2540 D	-88	5		20	
2022/23-6	000NONPJ	lab duplicate	5/23/2023	Conventional	Total Suspended Solids	n/a	=	97.3	mg/L	SM 2540 D	-88	5		20	
2022/23-6	000NONPJ	lab duplicate	5/30/2023	Conventional	Total Suspended Solids	n/a	DNQ	2.8	mg/L	SM 2540 D	-88	5		20	
2022/23-6	Lab	LCS	5/18/2023	Conventional	Total Suspended Solids	n/a	=	70.2	mg/L	SM 2540 D	-88	5			
2022/23-6	Lab	LCS, rec	5/18/2023	Conventional	Total Suspended Solids	n/a	=	110	%	SM 2540 D	-88	-88	90	110	
2022/23-6	Lab	method blank	5/18/2023	Conventional	Total Suspended Solids	n/a	DNQ	0.2	mg/L	SM 2540 D	-88	5			IP
2022/23-6	Lab	LCS	5/23/2023	Conventional	Total Suspended Solids	n/a	=	68.1	mg/L	SM 2540 D	-88	5			
2022/23-6	Lab	LCS, rec	5/23/2023	Conventional	Total Suspended Solids	n/a	=	103	%	SM 2540 D	-88	-88	90	110	
2022/23-6	Lab	method blank	5/23/2023	Conventional	Total Suspended Solids	n/a	DNQ	0.1	mg/L	SM 2540 D	-88	5			IP
2022/23-6	Lab	LCS	5/30/2023	Conventional	Total Suspended Solids	n/a	=	60.6	mg/L	SM 2540 D	-88	5			
2022/23-6	Lab	LCS, rec	5/30/2023	Conventional	Total Suspended Solids	n/a	=	108	%	SM 2540 D	-88	-88	90	110	
2022/23-6	Lab	method blank	5/30/2023	Conventional	Total Suspended Solids	n/a	DNQ	0.6	mg/L	SM 2540 D	-88	5			IP
2022/23-6	ME-SCR	lab duplicate	5/23/2023	Conventional	Total Suspended Solids	n/a	=	229	mg/L	SM 2540 D	-88	5		20	
2022/23-6	MO-CAM	lab duplicate	5/18/2023	Conventional	Total Suspended Solids	n/a	=	5.2	mg/L	SM 2540 D	-88	5		20	
2022/23-6	MO-HUE	lab duplicate	5/30/2023	Conventional	Total Suspended Solids	n/a	=	12	mg/L	SM 2540 D	-88	5		20	
2022/23-6	Lab	method blank	5/17/2023	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2022/23-6	Lab	LCS	5/17/2023	Conventional	Turbidity	n/a	=	10	NTU	EPA 180.1	0.017	0.1			
2022/23-6	Lab	LCS	5/17/2023	Conventional	Turbidity	n/a	=	2.09	NTU	EPA 180.1	0.017	0.1			
2022/23-6	Lab	LCS, rec	5/17/2023	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2022/23-6	Lab	LCS, rec	5/17/2023	Conventional	Turbidity	n/a	=	104	%	EPA 180.1	-88	-88	90	110	
2022/23-6	Lab	method blank	5/19/2023	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2022/23-6	Lab	LCS	5/19/2023	Conventional	Turbidity	n/a	=	10.1	NTU	EPA 180.1	0.017	0.1			
2022/23-6	Lab	LCS, rec	5/19/2023	Conventional	Turbidity	n/a	=	101	%	EPA 180.1	-88	-88	90	110	
2022/23-6	Lab	LCS	5/19/2023	Conventional	Turbidity	n/a	=	2.1	NTU	EPA 180.1	0.017	0.1			
2022/23-6	Lab	LCS, rec	5/19/2023	Conventional	Turbidity	n/a	=	105	%	EPA 180.1	-88	-88	90	110	
2022/23-6	Lab	method blank	5/24/2023	Conventional	Turbidity	n/a	DNQ	0.02	NTU	EPA 180.1	0.017	0.1			IP
2022/23-6	Lab	LCS	5/24/2023	Conventional	Turbidity	n/a	=	2.03	NTU	EPA 180.1	0.017	0.1			
2022/23-6	Lab	LCS, rec	5/24/2023	Conventional	Turbidity	n/a	=	102	%	EPA 180.1	-88	-88	90	110	
2022/23-6	Lab	LCS	5/24/2023	Conventional	Turbidity	n/a	=	9.97	NTU	EPA 180.1	0.017	0.1			
2022/23-6	Lab	LCS, rec	5/24/2023	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2022/23-6	ME-CC	lab duplicate	5/17/2023	Conventional	Turbidity	n/a	=	2	NTU	EPA 180.1	0.017	0.1		10	
2022/23-6	ME-SCR	lab duplicate	5/19/2023	Conventional	Turbidity	n/a	=	170	NTU	EPA 180.1	0.17	1		10	
2022/23-6	MO-HUE	lab duplicate	5/24/2023	Conventional	Turbidity	n/a	=	17	NTU	EPA 180.1	0.017	0.1		10	
2022/23-6	Lab	LCS	5/18/2023	Conventional	Volatile Suspended Solids	n/a	=	50	mg/L	EPA 160.4	0.093	0.15			
2022/23-6	Lab	LCS, rec	5/18/2023	Conventional	Volatile Suspended Solids	n/a	=	110	%	EPA 160.4	-88	-88	90	110	
2022/23-6	Lab	method blank	5/18/2023	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2022/23-6	Lab	LCS	5/23/2023	Conventional	Volatile Suspended Solids	n/a	=	51	mg/L	EPA 160.4	0.093	0.15			
2022/23-6	Lab	LCS, rec	5/23/2023	Conventional	Volatile Suspended Solids	n/a	=	109	%	EPA 160.4	-88	-88	90	110	
2022/23-6	Lab	method blank	5/23/2023	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2022/23-6	Lab	LCS	5/30/2023	Conventional	Volatile Suspended Solids	n/a	=	43	mg/L	EPA 160.4	0.093	0.15			
2022/23-6	Lab	LCS, rec	5/30/2023	Conventional	Volatile Suspended Solids	n/a	=	108	%	EPA 160.4	-88	-88	90	110	
2022/23-6	Lab	method blank	5/30/2023	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2022/23-6	ME-SCR	lab duplicate	5/23/2023	Conventional	Volatile Suspended Solids	n/a	=	28	mg/L	EPA 160.4	3.1	5		15	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	MO-CAM	lab duplicate	5/18/2023	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5		15	
2022/23-6	MO-HUE	lab duplicate	5/30/2023	Conventional	Volatile Suspended Solids	n/a	=	5	mg/L	EPA 160.4	3.1	5		15	
2022/23-6	Lab	method blank	6/22/2023	Hydrocarbon	Diesel Range Organics	n/a	<	0.072	mg/L	EPA 8015B	0.072	0.1			
2022/23-6	Lab	LCS	6/22/2023	Hydrocarbon	Diesel Range Organics	n/a	=	0.398	mg/L	EPA 8015B	0.072	0.1			
2022/23-6	Lab	LCS, rec	6/22/2023	Hydrocarbon	Diesel Range Organics	n/a	=	80	%	EPA 8015B	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/22/2023	Hydrocarbon	Diesel Range Organics	n/a	=	0.418	mg/L	EPA 8015B	0.072	0.1			
2022/23-6	Lab	LCS dup, rec	6/22/2023	Hydrocarbon	Diesel Range Organics	n/a	=	84	%	EPA 8015B	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/22/2023	Hydrocarbon	Diesel Range Organics	n/a	=	5	%	EPA 8015B	-88	-88	0	25	
2022/23-6	Lab	method blank	6/27/2023	Hydrocarbon	Diesel Range Organics	n/a	DNQ	0.074	mg/L	EPA 8015B	0.072	0.1			IP
2022/23-6	Lab	LCS	6/27/2023	Hydrocarbon	Diesel Range Organics	n/a	=	0.372	mg/L	EPA 8015B	0.072	0.1			
2022/23-6	Lab	LCS, rec	6/27/2023	Hydrocarbon	Diesel Range Organics	n/a	=	74	%	EPA 8015B	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/27/2023	Hydrocarbon	Diesel Range Organics	n/a	=	0.392	mg/L	EPA 8015B	0.072	0.1			
2022/23-6	Lab	LCS dup, rec	6/27/2023	Hydrocarbon	Diesel Range Organics	n/a	=	78	%	EPA 8015B	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/27/2023	Hydrocarbon	Diesel Range Organics	n/a	=	5	%	EPA 8015B	-88	-88	0	25	
2022/23-6	Lab	method blank	6/27/2023	Hydrocarbon	Diesel Range Organics	n/a	<	0.072	mg/L	EPA 8015B	0.072	0.1			
2022/23-6	Lab	LCS	6/28/2023	Hydrocarbon	Diesel Range Organics	n/a	=	0.4	mg/L	EPA 8015B	0.072	0.1			
2022/23-6	Lab	LCS, rec	6/28/2023	Hydrocarbon	Diesel Range Organics	n/a	=	80	%	EPA 8015B	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/28/2023	Hydrocarbon	Diesel Range Organics	n/a	=	0.379	mg/L	EPA 8015B	0.072	0.1			
2022/23-6	Lab	LCS dup, rec	6/28/2023	Hydrocarbon	Diesel Range Organics	n/a	=	76	%	EPA 8015B	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/28/2023	Hydrocarbon	Diesel Range Organics	n/a	=	5	%	EPA 8015B	-88	-88	0	25	
2022/23-6	Lab	LCS	5/17/2023	Hydrocarbon	Gasoline Range Organics	n/a	=	0.905	mg/L	EPA 8260B	0.065	0.1			
2022/23-6	Lab	LCS, rec	5/17/2023	Hydrocarbon	Gasoline Range Organics	n/a	=	91	%	EPA 8260B	-88	-88	53	136	
2022/23-6	Lab	LCS dup	5/17/2023	Hydrocarbon	Gasoline Range Organics	n/a	=	0.961	mg/L	EPA 8260B	0.065	0.1			
2022/23-6	Lab	LCS dup, rec	5/17/2023	Hydrocarbon	Gasoline Range Organics	n/a	=	96	%	EPA 8260B	-88	-88	53	136	
2022/23-6	Lab	LCS, RPD	5/17/2023	Hydrocarbon	Gasoline Range Organics	n/a	=	6	%	EPA 8260B	-88	-88	0	25	
2022/23-6	Lab	method blank	5/17/2023	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1			
2022/23-6	Lab	LCS	6/1/2023	Hydrocarbon	Gasoline Range Organics	n/a	=	0.982	mg/L	EPA 8260B	0.065	0.1			
2022/23-6	Lab	LCS, rec	6/1/2023	Hydrocarbon	Gasoline Range Organics	n/a	=	98	%	EPA 8260B	-88	-88	53	136	
2022/23-6	Lab	LCS dup	6/1/2023	Hydrocarbon	Gasoline Range Organics	n/a	=	0.944	mg/L	EPA 8260B	0.065	0.1			
2022/23-6	Lab	LCS dup, rec	6/1/2023	Hydrocarbon	Gasoline Range Organics	n/a	=	94	%	EPA 8260B	-88	-88	53	136	
2022/23-6	Lab	LCS, RPD	6/1/2023	Hydrocarbon	Gasoline Range Organics	n/a	=	4	%	EPA 8260B	-88	-88	0	25	
2022/23-6	Lab	method blank	6/1/2023	Hydrocarbon	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.3			
2022/23-6	Lab	srgt method blank	6/22/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.221	mg/L	EPA 8015B	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/22/2023	Hydrocarbon	n-Tetracosane	n/a	=	89	%	EPA 8015B	-88	-88	64	155	
2022/23-6	Lab	srgt LCS	6/22/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.226	mg/L	EPA 8015B	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/22/2023	Hydrocarbon	n-Tetracosane	n/a	=	91	%	EPA 8015B	-88	-88	64	155	
2022/23-6	Lab	srgt LCS dup	6/22/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.288	mg/L	EPA 8015B	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/22/2023	Hydrocarbon	n-Tetracosane	n/a	=	115	%	EPA 8015B	-88	-88	64	155	
2022/23-6	Lab	srgt method blank	6/27/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.217	mg/L	EPA 8015B	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/27/2023	Hydrocarbon	n-Tetracosane	n/a	=	87	%	EPA 8015B	-88	-88	64	155	
2022/23-6	Lab	srgt LCS	6/27/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.166	mg/L	EPA 8015B	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/27/2023	Hydrocarbon	n-Tetracosane	n/a	=	67	%	EPA 8015B	-88	-88	64	155	
2022/23-6	Lab	srgt LCS dup	6/27/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.226	mg/L	EPA 8015B	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/27/2023	Hydrocarbon	n-Tetracosane	n/a	=	90	%	EPA 8015B	-88	-88	64	155	
2022/23-6	Lab	srgt method blank	6/27/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.19	mg/L	EPA 8015B	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/27/2023	Hydrocarbon	n-Tetracosane	n/a	=	76	%	EPA 8015B	-88	-88	64	155	
2022/23-6	Lab	srgt LCS	6/28/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.212	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	
2022/23-6	Lab	srgt LCS, rec	6/28/2023	Hydrocarbon	n-Tetracosane	n/a	=	85	%	EPA 8015B	-88	-88	64	155	
2022/23-6	Lab	srgt LCS dup	6/28/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.213	mg/L	EPA 8015B	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/28/2023	Hydrocarbon	n-Tetracosane	n/a	=	85	%	EPA 8015B	-88	-88	64	155	
2022/23-6	ME-CC	srgt environ	6/22/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.214	mg/L	EPA 8015B	-88	-88			
2022/23-6	ME-CC	srgt environ, rec	6/22/2023	Hydrocarbon	n-Tetracosane	n/a	=	88	%	EPA 8015B	-88	-88	64	155	
2022/23-6	ME-SCR	srgt environ	6/27/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.253	mg/L	EPA 8015B	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	6/27/2023	Hydrocarbon	n-Tetracosane	n/a	=	97	%	EPA 8015B	-88	-88	64	155	
2022/23-6	ME-VR2	srgt environ	6/28/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.287	mg/L	EPA 8015B	-88	-88			
2022/23-6	ME-VR2	srgt environ, rec	6/28/2023	Hydrocarbon	n-Tetracosane	n/a	=	108	%	EPA 8015B	-88	-88	64	155	
2022/23-6	MO-CAM	srgt environ	6/22/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.21	mg/L	EPA 8015B	-88	-88			
2022/23-6	MO-CAM	srgt environ, rec	6/22/2023	Hydrocarbon	n-Tetracosane	n/a	=	77	%	EPA 8015B	-88	-88	64	155	
2022/23-6	MO-FIL	srgt environ	6/27/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.22	mg/L	EPA 8015B	-88	-88			
2022/23-6	MO-FIL	srgt environ, rec	6/27/2023	Hydrocarbon	n-Tetracosane	n/a	=	84	%	EPA 8015B	-88	-88	64	155	
2022/23-6	MO-HUE	srgt environ	6/28/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.175	mg/L	EPA 8015B	-88	-88			
2022/23-6	MO-HUE	srgt environ, rec	6/28/2023	Hydrocarbon	n-Tetracosane	n/a	=	69	%	EPA 8015B	-88	-88	64	155	
2022/23-6	MO-MEI	srgt environ	6/28/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.197	mg/L	EPA 8015B	-88	-88			
2022/23-6	MO-MEI	srgt environ, rec	6/28/2023	Hydrocarbon	n-Tetracosane	n/a	=	82	%	EPA 8015B	-88	-88	64	155	
2022/23-6	MO-OJA	srgt environ	6/28/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.196	mg/L	EPA 8015B	-88	-88			
2022/23-6	MO-OJA	srgt environ, rec	6/28/2023	Hydrocarbon	n-Tetracosane	n/a	=	77	%	EPA 8015B	-88	-88	64	155	
2022/23-6	MO-SIM	srgt environ	6/22/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.188	mg/L	EPA 8015B	-88	-88			
2022/23-6	MO-SIM	srgt environ, rec	6/22/2023	Hydrocarbon	n-Tetracosane	n/a	=	73	%	EPA 8015B	-88	-88	64	155	
2022/23-6	MO-THO	srgt environ	6/22/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.216	mg/L	EPA 8015B	-88	-88			
2022/23-6	MO-THO	srgt environ, rec	6/22/2023	Hydrocarbon	n-Tetracosane	n/a	=	82	%	EPA 8015B	-88	-88	64	155	
2022/23-6	MO-VEN	srgt environ	6/27/2023	Hydrocarbon	n-Tetracosane	n/a	=	0.134	mg/L	EPA 8015B	-88	-88			GN
2022/23-6	MO-VEN	srgt environ, rec	6/27/2023	Hydrocarbon	n-Tetracosane	n/a	=	50	%	EPA 8015B	-88	-88	64	155	GN
2022/23-6	Lab	LCS	5/18/2023	Hydrocarbon	Oil and Grease	n/a	=	15.6	mg/L	EPA 1664B	0.6	4			
2022/23-6	Lab	LCS	5/18/2023	Hydrocarbon	Oil and Grease	n/a	=	4.21	mg/L	EPA 1664B	0.6	4			
2022/23-6	Lab	LCS dup	5/18/2023	Hydrocarbon	Oil and Grease	n/a	=	14.8	mg/L	EPA 1664B	0.6	4			
2022/23-6	Lab	LCS dup, rec	5/18/2023	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664B	-88	-88	78	114	
2022/23-6	Lab	LCS, rec	5/18/2023	Hydrocarbon	Oil and Grease	n/a	=	100	%	EPA 1664B	-88	-88	78	114	
2022/23-6	Lab	LCS, rec	5/18/2023	Hydrocarbon	Oil and Grease	n/a	=	92	%	EPA 1664B	-88	-88	78	114	
2022/23-6	Lab	LCS, RPD	5/18/2023	Hydrocarbon	Oil and Grease	n/a	=	5	%	EPA 1664B	-88	-88	0	18	
2022/23-6	Lab	method blank	5/18/2023	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2022/23-6	Lab	LCS	5/22/2023	Hydrocarbon	Oil and Grease	n/a	DNQ	3.68	mg/L	EPA 1664B	0.6	4			
2022/23-6	Lab	LCS	5/22/2023	Hydrocarbon	Oil and Grease	n/a	=	15.5	mg/L	EPA 1664B	0.6	4			
2022/23-6	Lab	LCS dup	5/22/2023	Hydrocarbon	Oil and Grease	n/a	=	15.3	mg/L	EPA 1664B	0.6	4			
2022/23-6	Lab	LCS dup, rec	5/22/2023	Hydrocarbon	Oil and Grease	n/a	=	91	%	EPA 1664B	-88	-88	78	114	
2022/23-6	Lab	LCS, rec	5/22/2023	Hydrocarbon	Oil and Grease	n/a	=	92	%	EPA 1664B	-88	-88	78	114	
2022/23-6	Lab	LCS, rec	5/22/2023	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664B	-88	-88	78	114	
2022/23-6	Lab	LCS, RPD	5/22/2023	Hydrocarbon	Oil and Grease	n/a	=	1	%	EPA 1664B	-88	-88	0	18	
2022/23-6	Lab	method blank	5/22/2023	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2022/23-6	Lab	LCS	5/25/2023	Hydrocarbon	Oil and Grease	n/a	DNQ	3.47	mg/L	EPA 1664B	0.6	4			
2022/23-6	Lab	LCS	5/25/2023	Hydrocarbon	Oil and Grease	n/a	=	14.1	mg/L	EPA 1664B	0.6	4			
2022/23-6	Lab	LCS dup	5/25/2023	Hydrocarbon	Oil and Grease	n/a	=	14.5	mg/L	EPA 1664B	0.6	4			
2022/23-6	Lab	LCS dup, rec	5/25/2023	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664B	-88	-88	78	114	
2022/23-6	Lab	LCS, rec	5/25/2023	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664B	-88	-88	78	114	
2022/23-6	Lab	LCS, rec	5/25/2023	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664B	-88	-88	78	114	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, RPD	5/25/2023	Hydrocarbon	Oil and Grease	n/a	=	3	%	EPA 1664B	-88	-88	0	18	
2022/23-6	Lab	method blank	5/25/2023	Hydrocarbon	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4			
2022/23-6	ME-CC	matrix spike	5/18/2023	Hydrocarbon	Oil and Grease	n/a	=	15.4	mg/L	EPA 1664B	0.6	4			
2022/23-6	ME-CC	matrix spike, rec	5/18/2023	Hydrocarbon	Oil and Grease	n/a	=	83	%	EPA 1664B	-88	-88	78	114	
2022/23-6	Lab	method blank	6/22/2023	Hydrocarbon	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5			
2022/23-6	Lab	method blank	6/27/2023	Hydrocarbon	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5			
2022/23-6	Lab	method blank	6/27/2023	Hydrocarbon	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5			
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Aluminum	Dissolved	=	49.5	µg/L	EPA 200.8	4.4	20			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Aluminum	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Aluminum	Dissolved	=	50.9	µg/L	EPA 200.8	4.4	20			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Aluminum	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Aluminum	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-6	Lab	LCS	5/26/2023	Metal	Aluminum	Dissolved	=	52.5	µg/L	EPA 200.8	4.4	20			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Aluminum	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-6	Lab	LCS	5/31/2023	Metal	Aluminum	Dissolved	=	51.9	µg/L	EPA 200.8	4.4	20			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Aluminum	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-6	Lab	LCS	6/7/2023	Metal	Aluminum	Dissolved	=	48.2	µg/L	EPA 200.8	4.4	20			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Aluminum	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Aluminum	Dissolved	=	86.8	µg/L	EPA 200.8	4.4	20			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Aluminum	Dissolved	=	124	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Aluminum	Dissolved	=	85.7	µg/L	EPA 200.8	4.4	20			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Aluminum	Dissolved	=	122	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Aluminum	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/26/2023	Metal	Aluminum	Total	=	91.4	µg/L	EPA 200.8	4.4	20			
2022/23-6	000NONPJ	matrix spike, rec	5/26/2023	Metal	Aluminum	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/26/2023	Metal	Aluminum	Total	=	88.1	µg/L	EPA 200.8	4.4	20			
2022/23-6	000NONPJ	matrix spike dup, rec	5/26/2023	Metal	Aluminum	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/26/2023	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Aluminum	Total	=	49.5	µg/L	EPA 200.8	4.4	20			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Aluminum	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Aluminum	Total	=	50.9	µg/L	EPA 200.8	4.4	20			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Aluminum	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Aluminum	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Metal	Aluminum	Total	=	47.5	µg/L	EPA 200.8	4.4	20			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Metal	Aluminum	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Metal	Aluminum	Total	=	45.4	µg/L	EPA 200.8	4.4	20			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Metal	Aluminum	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-6	Lab	LCS	5/26/2023	Metal	Aluminum	Total	=	52.5	µg/L	EPA 200.8	4.4	20			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Aluminum	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-6	Lab	LCS	5/31/2023	Metal	Aluminum	Total	=	51.9	µg/L	EPA 200.8	4.4	20			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Aluminum	Total	=	99	%	EPA 200.8	-88	-88	85	115	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	method blank	6/7/2023	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-6	Lab	LCS	6/7/2023	Metal	Aluminum	Total	=	48.2	µg/L	EPA 200.8	4.4	20			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Aluminum	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2022/23-6	ME-CC	matrix spike	5/26/2023	Metal	Aluminum	Total	=	308	µg/L	EPA 200.8	4.4	20			
2022/23-6	ME-CC	matrix spike, rec	5/26/2023	Metal	Aluminum	Total	=	121	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike dup	5/26/2023	Metal	Aluminum	Total	=	318	µg/L	EPA 200.8	4.4	20			GB
2022/23-6	ME-CC	matrix spike dup, rec	5/26/2023	Metal	Aluminum	Total	=	143	%	EPA 200.8	-88	-88	70	130	GB
2022/23-6	ME-CC	matrix spike, RPD	5/26/2023	Metal	Aluminum	Total	=	3	%	EPA 200.8	-88	-88	0	30	GB
2022/23-6	MO-HUE	matrix spike	6/7/2023	Metal	Aluminum	Total	=	77.3	µg/L	EPA 200.8	8.9	40			
2022/23-6	MO-HUE	matrix spike, rec	6/7/2023	Metal	Aluminum	Total	=	81	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike dup	6/7/2023	Metal	Aluminum	Total	=	95.2	µg/L	EPA 200.8	8.9	40			
2022/23-6	MO-HUE	matrix spike dup, rec	6/7/2023	Metal	Aluminum	Total	=	117	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike, RPD	6/7/2023	Metal	Aluminum	Total	=	21	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Aluminum	Total	=	86.8	µg/L	EPA 200.8	4.4	20			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Aluminum	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Aluminum	Total	=	85.7	µg/L	EPA 200.8	4.4	20			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Aluminum	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Antimony	Dissolved	=	51.6	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Antimony	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Antimony	Dissolved	=	51.9	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Antimony	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Antimony	Dissolved	=	0.7	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	Lab	LCS	5/26/2023	Metal	Antimony	Dissolved	=	52.2	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Antimony	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	Lab	LCS	5/31/2023	Metal	Antimony	Dissolved	=	51	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Antimony	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	Lab	LCS	6/7/2023	Metal	Antimony	Dissolved	=	49.3	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Antimony	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Antimony	Dissolved	=	52.1	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Antimony	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Antimony	Dissolved	=	51.1	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Antimony	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Antimony	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/26/2023	Metal	Antimony	Total	=	54.8	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	000NONPJ	matrix spike, rec	5/26/2023	Metal	Antimony	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/26/2023	Metal	Antimony	Total	=	54.1	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	000NONPJ	matrix spike dup, rec	5/26/2023	Metal	Antimony	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/26/2023	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Antimony	Total	=	51.6	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Antimony	Total	=	51.9	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Antimony	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Metal	Antimony	Total	=	51.7	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Metal	Antimony	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Metal	Antimony	Total	=	51.3	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Metal	Antimony	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	Lab	LCS	5/26/2023	Metal	Antimony	Total	=	52.2	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Antimony	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	Lab	LCS	5/31/2023	Metal	Antimony	Total	=	51	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	Lab	LCS	6/7/2023	Metal	Antimony	Total	=	49.3	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-6	ME-CC	matrix spike	5/26/2023	Metal	Antimony	Total	=	53.7	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	ME-CC	matrix spike, rec	5/26/2023	Metal	Antimony	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike dup	5/26/2023	Metal	Antimony	Total	=	53.7	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	ME-CC	matrix spike dup, rec	5/26/2023	Metal	Antimony	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike, RPD	5/26/2023	Metal	Antimony	Total	=	0.08	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-HUE	matrix spike	6/7/2023	Metal	Antimony	Total	=	51.4	µg/L	EPA 200.8	0.18	1			
2022/23-6	MO-HUE	matrix spike, rec	6/7/2023	Metal	Antimony	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike dup	6/7/2023	Metal	Antimony	Total	=	51.2	µg/L	EPA 200.8	0.18	1			
2022/23-6	MO-HUE	matrix spike dup, rec	6/7/2023	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike, RPD	6/7/2023	Metal	Antimony	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Antimony	Total	=	52.1	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Antimony	Total	=	51.1	µg/L	EPA 200.8	0.089	0.5			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Antimony	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Arsenic	Dissolved	=	53.4	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Arsenic	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Arsenic	Dissolved	=	52.6	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Arsenic	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Arsenic	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	Lab	LCS	5/26/2023	Metal	Arsenic	Dissolved	=	52.9	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Arsenic	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	Lab	LCS	5/31/2023	Metal	Arsenic	Dissolved	=	52.3	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Arsenic	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Arsenic	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	Lab	LCS	6/7/2023	Metal	Arsenic	Dissolved	=	50.6	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Arsenic	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Arsenic	Dissolved	=	63.2	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Arsenic	Dissolved	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Arsenic	Dissolved	=	61.2	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Arsenic	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Arsenic	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/26/2023	Metal	Arsenic	Total	=	56.6	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	000NONPJ	matrix spike, rec	5/26/2023	Metal	Arsenic	Total	=	111	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/26/2023	Metal	Arsenic	Total	=	54.5	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	000NONPJ	matrix spike dup, rec	5/26/2023	Metal	Arsenic	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/26/2023	Metal	Arsenic	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Arsenic	Total	=	53.4	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Arsenic	Total	=	52.6	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Metal	Arsenic	Total	=	53.1	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Metal	Arsenic	Total	=	52.8	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Metal	Arsenic	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	Lab	LCS	5/26/2023	Metal	Arsenic	Total	=	52.9	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Arsenic	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	Lab	LCS	5/31/2023	Metal	Arsenic	Total	=	52.3	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	Lab	LCS	6/7/2023	Metal	Arsenic	Total	=	50.6	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-6	ME-CC	matrix spike	5/26/2023	Metal	Arsenic	Total	=	57.8	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	ME-CC	matrix spike, rec	5/26/2023	Metal	Arsenic	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike dup	5/26/2023	Metal	Arsenic	Total	=	57.6	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	ME-CC	matrix spike dup, rec	5/26/2023	Metal	Arsenic	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike, RPD	5/26/2023	Metal	Arsenic	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-HUE	matrix spike	6/7/2023	Metal	Arsenic	Total	=	55.2	µg/L	EPA 200.8	0.15	0.8			
2022/23-6	MO-HUE	matrix spike, rec	6/7/2023	Metal	Arsenic	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike dup	6/7/2023	Metal	Arsenic	Total	=	54.4	µg/L	EPA 200.8	0.15	0.8			
2022/23-6	MO-HUE	matrix spike dup, rec	6/7/2023	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike, RPD	6/7/2023	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Arsenic	Total	=	63.2	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Arsenic	Total	=	61.2	µg/L	EPA 200.8	0.074	0.4			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Arsenic	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/26/2023	Metal	Barium	Total	=	117	µg/L	EPA 200.8	0.14	1			
2022/23-6	000NONPJ	matrix spike, rec	5/26/2023	Metal	Barium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/26/2023	Metal	Barium	Total	=	116	µg/L	EPA 200.8	0.14	1			
2022/23-6	000NONPJ	matrix spike dup, rec	5/26/2023	Metal	Barium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/26/2023	Metal	Barium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Barium	Total	=	103	µg/L	EPA 200.8	0.14	1			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Barium	Total	=	104	µg/L	EPA 200.8	0.14	1			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Barium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Metal	Barium	Total	=	146	µg/L	EPA 200.8	0.14	1			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Metal	Barium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Metal	Barium	Total	=	147	µg/L	EPA 200.8	0.14	1			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Metal	Barium	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Metal	Barium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2022/23-6	Lab	LCS	5/26/2023	Metal	Barium	Total	=	53.3	µg/L	EPA 200.8	0.14	1			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Barium	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2022/23-6	Lab	LCS	5/31/2023	Metal	Barium	Total	=	52.7	µg/L	EPA 200.8	0.14	1			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Barium	Total	<	0.14	µg/L	EPA 200.8	0.14	1			
2022/23-6	Lab	LCS	6/7/2023	Metal	Barium	Total	=	50.8	µg/L	EPA 200.8	0.14	1			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-6	ME-CC	matrix spike	5/26/2023	Metal	Barium	Total	=	91.5	µg/L	EPA 200.8	0.14	1			
2022/23-6	ME-CC	matrix spike, rec	5/26/2023	Metal	Barium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike dup	5/26/2023	Metal	Barium	Total	=	93.3	µg/L	EPA 200.8	0.14	1			
2022/23-6	ME-CC	matrix spike dup, rec	5/26/2023	Metal	Barium	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike, RPD	5/26/2023	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-HUE	matrix spike	6/7/2023	Metal	Barium	Total	=	125	µg/L	EPA 200.8	0.28	2			
2022/23-6	MO-HUE	matrix spike, rec	6/7/2023	Metal	Barium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike dup	6/7/2023	Metal	Barium	Total	=	126	µg/L	EPA 200.8	0.28	2			
2022/23-6	MO-HUE	matrix spike dup, rec	6/7/2023	Metal	Barium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike, RPD	6/7/2023	Metal	Barium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Barium	Total	=	122	µg/L	EPA 200.8	0.14	1			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Barium	Total	=	111	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Barium	Total	=	117	µg/L	EPA 200.8	0.14	1			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Barium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Beryllium	Dissolved	=	51	µg/L	EPA 200.8	0.062	0.1			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Beryllium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Beryllium	Dissolved	=	51.2	µg/L	EPA 200.8	0.062	0.1			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Beryllium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Beryllium	Dissolved	=	0.2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2022/23-6	Lab	LCS	5/26/2023	Metal	Beryllium	Dissolved	=	50.1	µg/L	EPA 200.8	0.062	0.1			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Beryllium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2022/23-6	Lab	LCS	5/31/2023	Metal	Beryllium	Dissolved	=	49.3	µg/L	EPA 200.8	0.062	0.1			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Beryllium	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1			
2022/23-6	Lab	LCS	6/7/2023	Metal	Beryllium	Dissolved	=	48.8	µg/L	EPA 200.8	0.062	0.1			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Beryllium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Beryllium	Dissolved	=	55.3	µg/L	EPA 200.8	0.062	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Beryllium	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Beryllium	Dissolved	=	54.1	µg/L	EPA 200.8	0.062	0.1			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Beryllium	Dissolved	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Beryllium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/26/2023	Metal	Beryllium	Total	=	53.8	µg/L	EPA 200.8	0.029	0.1			
2022/23-6	000NONPJ	matrix spike, rec	5/26/2023	Metal	Beryllium	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/26/2023	Metal	Beryllium	Total	=	52.3	µg/L	EPA 200.8	0.029	0.1			
2022/23-6	000NONPJ	matrix spike dup, rec	5/26/2023	Metal	Beryllium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/26/2023	Metal	Beryllium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Beryllium	Total	=	51	µg/L	EPA 200.8	0.029	0.1			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Beryllium	Total	=	51.2	µg/L	EPA 200.8	0.029	0.1			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Beryllium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Metal	Beryllium	Total	=	51.5	µg/L	EPA 200.8	0.029	0.1			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Metal	Beryllium	Total	=	51.7	µg/L	EPA 200.8	0.029	0.1			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Metal	Beryllium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1			
2022/23-6	Lab	LCS	5/26/2023	Metal	Beryllium	Total	=	50.1	µg/L	EPA 200.8	0.029	0.1			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1			
2022/23-6	Lab	LCS	5/31/2023	Metal	Beryllium	Total	=	49.3	µg/L	EPA 200.8	0.029	0.1			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Beryllium	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1			
2022/23-6	Lab	LCS	6/7/2023	Metal	Beryllium	Total	=	48.8	µg/L	EPA 200.8	0.029	0.1			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-6	ME-CC	matrix spike	5/26/2023	Metal	Beryllium	Total	=	51.6	µg/L	EPA 200.8	0.029	0.1			
2022/23-6	ME-CC	matrix spike, rec	5/26/2023	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike dup	5/26/2023	Metal	Beryllium	Total	=	52.1	µg/L	EPA 200.8	0.029	0.1			
2022/23-6	ME-CC	matrix spike dup, rec	5/26/2023	Metal	Beryllium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike, RPD	5/26/2023	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-HUE	matrix spike	6/7/2023	Metal	Beryllium	Total	=	52.8	µg/L	EPA 200.8	0.057	0.2			
2022/23-6	MO-HUE	matrix spike, rec	6/7/2023	Metal	Beryllium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike dup	6/7/2023	Metal	Beryllium	Total	=	55.6	µg/L	EPA 200.8	0.057	0.2			
2022/23-6	MO-HUE	matrix spike dup, rec	6/7/2023	Metal	Beryllium	Total	=	111	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike, RPD	6/7/2023	Metal	Beryllium	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Beryllium	Total	=	55.3	µg/L	EPA 200.8	0.029	0.1			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Beryllium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Beryllium	Total	=	54.1	µg/L	EPA 200.8	0.029	0.1			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Cadmium	Dissolved	=	48.9	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Cadmium	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Cadmium	Dissolved	=	49.8	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Cadmium	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Cadmium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	Lab	LCS	5/26/2023	Metal	Cadmium	Dissolved	=	52	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Cadmium	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	Lab	LCS	5/31/2023	Metal	Cadmium	Dissolved	=	50.5	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Cadmium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	Lab	LCS	6/7/2023	Metal	Cadmium	Dissolved	=	49.5	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Cadmium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Cadmium	Dissolved	=	49.5	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Cadmium	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Cadmium	Dissolved	=	48	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Cadmium	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Cadmium	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/26/2023	Metal	Cadmium	Total	=	52.3	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/26/2023	Metal	Cadmium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/26/2023	Metal	Cadmium	Total	=	51	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/26/2023	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/26/2023	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Cadmium	Total	=	48.9	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Cadmium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Cadmium	Total	=	49.8	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Metal	Cadmium	Total	=	51.5	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Metal	Cadmium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Metal	Cadmium	Total	=	51.1	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Metal	Cadmium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	Lab	LCS	5/26/2023	Metal	Cadmium	Total	=	52	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Cadmium	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	Lab	LCS	5/31/2023	Metal	Cadmium	Total	=	50.5	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	Lab	LCS	6/7/2023	Metal	Cadmium	Total	=	49.5	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-6	ME-CC	matrix spike	5/26/2023	Metal	Cadmium	Total	=	51	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	ME-CC	matrix spike, rec	5/26/2023	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike dup	5/26/2023	Metal	Cadmium	Total	=	51	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	ME-CC	matrix spike dup, rec	5/26/2023	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike, RPD	5/26/2023	Metal	Cadmium	Total	=	0.02	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-HUE	matrix spike	6/7/2023	Metal	Cadmium	Total	=	49.8	µg/L	EPA 200.8	0.084	0.4			
2022/23-6	MO-HUE	matrix spike, rec	6/7/2023	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike dup	6/7/2023	Metal	Cadmium	Total	=	49.4	µg/L	EPA 200.8	0.084	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	
2022/23-6	MO-HUE	matrix spike dup, rec	6/7/2023	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike, RPD	6/7/2023	Metal	Cadmium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Cadmium	Total	=	49.5	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Cadmium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Cadmium	Total	=	48	µg/L	EPA 200.8	0.042	0.2			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Cadmium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Cadmium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Chromium	Dissolved	=	50.3	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Chromium	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Chromium	Dissolved	=	51.3	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Chromium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Chromium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	Lab	LCS	5/26/2023	Metal	Chromium	Dissolved	=	51.6	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Chromium	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	Lab	LCS	5/31/2023	Metal	Chromium	Dissolved	=	51.5	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Chromium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	Lab	LCS	6/7/2023	Metal	Chromium	Dissolved	=	50.5	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Chromium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Chromium	Dissolved	=	50	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Chromium	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Chromium	Dissolved	=	49.3	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Chromium	Dissolved	=	92	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Chromium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/26/2023	Metal	Chromium	Total	=	53.3	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/26/2023	Metal	Chromium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/26/2023	Metal	Chromium	Total	=	51.6	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/26/2023	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/26/2023	Metal	Chromium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Chromium	Total	=	50.3	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Chromium	Total	=	51.3	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Metal	Chromium	Total	=	53.6	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Metal	Chromium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Metal	Chromium	Total	=	52.9	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Metal	Chromium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	Lab	LCS	5/26/2023	Metal	Chromium	Total	=	51.6	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Chromium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	Lab	LCS	5/31/2023	Metal	Chromium	Total	=	51.5	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	85	115	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	method blank	6/7/2023	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	Lab	LCS	6/7/2023	Metal	Chromium	Total	=	50.5	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-6	ME-CC	matrix spike	5/26/2023	Metal	Chromium	Total	=	52.2	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	ME-CC	matrix spike, rec	5/26/2023	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike dup	5/26/2023	Metal	Chromium	Total	=	52.2	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	ME-CC	matrix spike dup, rec	5/26/2023	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike, RPD	5/26/2023	Metal	Chromium	Total	=	0.03	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-HUE	matrix spike	6/7/2023	Metal	Chromium	Total	=	50.4	µg/L	EPA 200.8	0.18	0.4			
2022/23-6	MO-HUE	matrix spike, rec	6/7/2023	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike dup	6/7/2023	Metal	Chromium	Total	=	50.4	µg/L	EPA 200.8	0.18	0.4			
2022/23-6	MO-HUE	matrix spike dup, rec	6/7/2023	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike, RPD	6/7/2023	Metal	Chromium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Chromium	Total	=	50	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Chromium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Chromium	Total	=	49.3	µg/L	EPA 200.8	0.089	0.2			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Chromium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/26/2023	Metal	Chromium VI	n/a	=	5.08	µg/L	EPA 218.6	0.0079	0.02			
2022/23-6	000NONPJ	matrix spike, rec	5/26/2023	Metal	Chromium VI	n/a	=	94	%	EPA 218.6	-88	-88	88	112	
2022/23-6	000NONPJ	matrix spike dup	5/26/2023	Metal	Chromium VI	n/a	=	4.9	µg/L	EPA 218.6	0.0079	0.02			
2022/23-6	000NONPJ	matrix spike dup, rec	5/26/2023	Metal	Chromium VI	n/a	=	90	%	EPA 218.6	-88	-88	88	112	
2022/23-6	000NONPJ	matrix spike, RPD	5/26/2023	Metal	Chromium VI	n/a	=	4	%	EPA 218.6	-88	-88	0	10	
2022/23-6	000NONPJ	matrix spike	5/26/2023	Metal	Chromium VI	n/a	=	4.89	µg/L	EPA 218.6	0.0079	0.02			
2022/23-6	000NONPJ	matrix spike, rec	5/26/2023	Metal	Chromium VI	n/a	=	94	%	EPA 218.6	-88	-88	88	112	
2022/23-6	000NONPJ	matrix spike dup	5/26/2023	Metal	Chromium VI	n/a	=	5	µg/L	EPA 218.6	0.0079	0.02			
2022/23-6	000NONPJ	matrix spike dup, rec	5/26/2023	Metal	Chromium VI	n/a	=	96	%	EPA 218.6	-88	-88	88	112	
2022/23-6	000NONPJ	matrix spike, RPD	5/26/2023	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Chromium VI	n/a	=	4.85	µg/L	EPA 218.6	0.0079	0.02			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Chromium VI	n/a	=	94	%	EPA 218.6	-88	-88	88	112	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Chromium VI	n/a	=	4.23	µg/L	EPA 218.6	0.0079	0.02			GB,IL
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Chromium VI	n/a	=	82	%	EPA 218.6	-88	-88	88	112	GB,IL
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Chromium VI	n/a	=	14	%	EPA 218.6	-88	-88	0	10	GB,IL
2022/23-6	000NONPJ	matrix spike	6/6/2023	Metal	Chromium VI	n/a	=	5.03	µg/L	EPA 218.6	0.0079	0.02			
2022/23-6	000NONPJ	matrix spike, rec	6/6/2023	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	88	112	
2022/23-6	000NONPJ	matrix spike dup	6/6/2023	Metal	Chromium VI	n/a	=	5.02	µg/L	EPA 218.6	0.0079	0.02			
2022/23-6	000NONPJ	matrix spike dup, rec	6/6/2023	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	88	112	
2022/23-6	000NONPJ	matrix spike, RPD	6/6/2023	Metal	Chromium VI	n/a	=	0.2	%	EPA 218.6	-88	-88	0	10	
2022/23-6	000NONPJ	matrix spike	6/6/2023	Metal	Chromium VI	n/a	=	4.82	µg/L	EPA 218.6	0.0079	0.02			
2022/23-6	000NONPJ	matrix spike, rec	6/6/2023	Metal	Chromium VI	n/a	=	96	%	EPA 218.6	-88	-88	88	112	
2022/23-6	000NONPJ	matrix spike dup	6/6/2023	Metal	Chromium VI	n/a	=	4.78	µg/L	EPA 218.6	0.0079	0.02			
2022/23-6	000NONPJ	matrix spike dup, rec	6/6/2023	Metal	Chromium VI	n/a	=	96	%	EPA 218.6	-88	-88	88	112	
2022/23-6	000NONPJ	matrix spike, RPD	6/6/2023	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	
2022/23-6	Lab	method blank	5/25/2023	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2022/23-6	Lab	LCS	5/25/2023	Metal	Chromium VI	n/a	=	5.16	µg/L	EPA 218.6	0.0079	0.02			
2022/23-6	Lab	LCS, rec	5/25/2023	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	90	110	
2022/23-6	Lab	method blank	5/31/2023	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	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	
2022/23-6	Lab	LCS	5/31/2023	Metal	Chromium VI	n/a	=	5.01	µg/L	EPA 218.6	0.0079	0.02			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	90	110	
2022/23-6	Lab	method blank	6/6/2023	Metal	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02			
2022/23-6	Lab	LCS	6/6/2023	Metal	Chromium VI	n/a	=	4.62	µg/L	EPA 218.6	0.0079	0.02			
2022/23-6	Lab	LCS, rec	6/6/2023	Metal	Chromium VI	n/a	=	92	%	EPA 218.6	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Copper	Dissolved	=	49.5	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Copper	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Copper	Dissolved	=	49.9	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Copper	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Copper	Dissolved	=	0.8	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	Lab	LCS	5/26/2023	Metal	Copper	Dissolved	=	52.3	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Copper	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	Lab	LCS	5/31/2023	Metal	Copper	Dissolved	=	51.6	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Copper	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	Lab	LCS	6/7/2023	Metal	Copper	Dissolved	=	51.3	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Copper	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Copper	Dissolved	=	61.4	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Copper	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Copper	Dissolved	=	59.8	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Copper	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Copper	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/26/2023	Metal	Copper	Total	=	61.1	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	000NONPJ	matrix spike, rec	5/26/2023	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/26/2023	Metal	Copper	Total	=	59.9	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	000NONPJ	matrix spike dup, rec	5/26/2023	Metal	Copper	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/26/2023	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Copper	Total	=	49.5	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Copper	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Copper	Total	=	49.9	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Copper	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Copper	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Metal	Copper	Total	=	54.2	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Metal	Copper	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Metal	Copper	Total	=	52.9	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	Lab	LCS	5/26/2023	Metal	Copper	Total	=	52.3	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Copper	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	Lab	LCS	5/31/2023	Metal	Copper	Total	=	51.6	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	Lab	LCS	6/7/2023	Metal	Copper	Total	=	51.3	µg/L	EPA 200.8	0.23	0.5			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-6	ME-CC	matrix spike	5/26/2023	Metal	Copper	Total	=	51.5	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	ME-CC	matrix spike, rec	5/26/2023	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike dup	5/26/2023	Metal	Copper	Total	=	52.2	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	ME-CC	matrix spike dup, rec	5/26/2023	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike, RPD	5/26/2023	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-HUE	matrix spike	6/7/2023	Metal	Copper	Total	=	48.8	µg/L	EPA 200.8	0.46	1			
2022/23-6	MO-HUE	matrix spike, rec	6/7/2023	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike dup	6/7/2023	Metal	Copper	Total	=	48.4	µg/L	EPA 200.8	0.46	1			
2022/23-6	MO-HUE	matrix spike dup, rec	6/7/2023	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike, RPD	6/7/2023	Metal	Copper	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Copper	Total	=	61.4	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Copper	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Copper	Total	=	59.8	µg/L	EPA 200.8	0.23	0.5			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Copper	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Copper	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Iron	Dissolved	=	1180	µg/L	EPA 200.8	3.9	20			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Iron	Dissolved	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Iron	Dissolved	=	1220	µg/L	EPA 200.8	3.9	20			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Iron	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Iron	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-6	Lab	LCS	5/26/2023	Metal	Iron	Dissolved	=	1120	µg/L	EPA 200.8	3.9	20			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Iron	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-6	Lab	LCS	5/31/2023	Metal	Iron	Dissolved	=	1140	µg/L	EPA 200.8	3.9	20			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Iron	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-6	Lab	LCS	6/7/2023	Metal	Iron	Dissolved	=	1120	µg/L	EPA 200.8	3.9	20			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Iron	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Iron	Dissolved	=	1350	µg/L	EPA 200.8	3.9	20			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Iron	Dissolved	=	110	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Iron	Dissolved	=	1340	µg/L	EPA 200.8	3.9	20			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Iron	Dissolved	=	108	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Iron	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/26/2023	Metal	Iron	Total	=	1190	µg/L	EPA 200.8	3.9	20			
2022/23-6	000NONPJ	matrix spike, rec	5/26/2023	Metal	Iron	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/26/2023	Metal	Iron	Total	=	1170	µg/L	EPA 200.8	3.9	20			
2022/23-6	000NONPJ	matrix spike dup, rec	5/26/2023	Metal	Iron	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/26/2023	Metal	Iron	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Iron	Total	=	1180	µg/L	EPA 200.8	3.9	20			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Iron	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Iron	Total	=	1220	µg/L	EPA 200.8	3.9	20			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Iron	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Iron	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Metal	Iron	Total	=	1160	µg/L	EPA 200.8	3.9	20			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Metal	Iron	Total	=	111	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Metal	Iron	Total	=	1140	µg/L	EPA 200.8	3.9	20			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Metal	Iron	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Metal	Iron	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-6	Lab	LCS	5/26/2023	Metal	Iron	Total	=	1120	µg/L	EPA 200.8	3.9	20			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Iron	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-6	Lab	LCS	5/31/2023	Metal	Iron	Total	=	1140	µg/L	EPA 200.8	3.9	20			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Iron	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-6	Lab	LCS	6/7/2023	Metal	Iron	Total	=	1120	µg/L	EPA 200.8	3.9	20			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Iron	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2022/23-6	ME-CC	matrix spike	5/26/2023	Metal	Iron	Total	=	1410	µg/L	EPA 200.8	3.9	20			
2022/23-6	ME-CC	matrix spike, rec	5/26/2023	Metal	Iron	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike dup	5/26/2023	Metal	Iron	Total	=	1460	µg/L	EPA 200.8	3.9	20			
2022/23-6	ME-CC	matrix spike dup, rec	5/26/2023	Metal	Iron	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike, RPD	5/26/2023	Metal	Iron	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-HUE	matrix spike	6/7/2023	Metal	Iron	Total	=	3070	µg/L	EPA 200.8	7.9	40			
2022/23-6	MO-HUE	matrix spike, rec	6/7/2023	Metal	Iron	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike dup	6/7/2023	Metal	Iron	Total	=	3210	µg/L	EPA 200.8	7.9	40			
2022/23-6	MO-HUE	matrix spike dup, rec	6/7/2023	Metal	Iron	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike, RPD	6/7/2023	Metal	Iron	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Iron	Total	=	1350	µg/L	EPA 200.8	3.9	20			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Iron	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Iron	Total	=	1340	µg/L	EPA 200.8	3.9	20			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Iron	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Iron	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Lead	Dissolved	=	49.9	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Lead	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Lead	Dissolved	=	50.8	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Lead	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Lead	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	Lab	LCS	5/26/2023	Metal	Lead	Dissolved	=	51.7	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Lead	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	Lab	LCS	5/31/2023	Metal	Lead	Dissolved	=	50.5	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Lead	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	Lab	LCS	6/7/2023	Metal	Lead	Dissolved	=	50.1	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Lead	Dissolved	=	53.2	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Lead	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Lead	Dissolved	=	51.8	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Lead	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Lead	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/26/2023	Metal	Lead	Total	=	54.2	µg/L	EPA 200.8	0.083	0.2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QA/QC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	000NONPJ	matrix spike, rec	5/26/2023	Metal	Lead	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/26/2023	Metal	Lead	Total	=	52.9	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/26/2023	Metal	Lead	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/26/2023	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Lead	Total	=	49.9	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Lead	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Lead	Total	=	50.8	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Metal	Lead	Total	=	51.7	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Metal	Lead	Total	=	51.7	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Metal	Lead	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	Lab	LCS	5/26/2023	Metal	Lead	Total	=	51.7	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	Lab	LCS	5/31/2023	Metal	Lead	Total	=	50.5	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Lead	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	Lab	LCS	6/7/2023	Metal	Lead	Total	=	50.1	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-6	ME-CC	matrix spike	5/26/2023	Metal	Lead	Total	=	52.7	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	ME-CC	matrix spike, rec	5/26/2023	Metal	Lead	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike dup	5/26/2023	Metal	Lead	Total	=	52.8	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	ME-CC	matrix spike dup, rec	5/26/2023	Metal	Lead	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike, RPD	5/26/2023	Metal	Lead	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-HUE	matrix spike	6/7/2023	Metal	Lead	Total	=	53	µg/L	EPA 200.8	0.17	0.4			
2022/23-6	MO-HUE	matrix spike, rec	6/7/2023	Metal	Lead	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike dup	6/7/2023	Metal	Lead	Total	=	53	µg/L	EPA 200.8	0.17	0.4			
2022/23-6	MO-HUE	matrix spike dup, rec	6/7/2023	Metal	Lead	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike, RPD	6/7/2023	Metal	Lead	Total	=	0.07	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Lead	Total	=	53.2	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Lead	Total	=	51.8	µg/L	EPA 200.8	0.083	0.2			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Lead	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Lead	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/24/2023	Metal	Mercury	Dissolved	=	1020	ng/L	EPA 245.1	37	50			
2022/23-6	000NONPJ	matrix spike, rec	5/24/2023	Metal	Mercury	Dissolved	=	102	%	EPA 245.1	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/24/2023	Metal	Mercury	Dissolved	=	963	ng/L	EPA 245.1	37	50			
2022/23-6	000NONPJ	matrix spike dup, rec	5/24/2023	Metal	Mercury	Dissolved	=	96	%	EPA 245.1	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/24/2023	Metal	Mercury	Dissolved	=	6	%	EPA 245.1	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	6/2/2023	Metal	Mercury	Dissolved	=	1010	ng/L	EPA 245.1	37	50			
2022/23-6	000NONPJ	matrix spike, rec	6/2/2023	Metal	Mercury	Dissolved	=	101	%	EPA 245.1	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/2/2023	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	37	50			
2022/23-6	000NONPJ	matrix spike dup, rec	6/2/2023	Metal	Mercury	Dissolved	=	104	%	EPA 245.1	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	000NONPJ	matrix spike, RPD	6/2/2023	Metal	Mercury	Dissolved	=	2	%	EPA 245.1	-88	-88	0	20	
2022/23-6	Lab	method blank	5/24/2023	Metal	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50			
2022/23-6	Lab	LCS	5/24/2023	Metal	Mercury	Dissolved	=	1130	ng/L	EPA 245.1	37	50			
2022/23-6	Lab	LCS, rec	5/24/2023	Metal	Mercury	Dissolved	=	113	%	EPA 245.1	-88	-88	85	115	
2022/23-6	Lab	method blank	6/2/2023	Metal	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50			
2022/23-6	Lab	LCS	6/2/2023	Metal	Mercury	Dissolved	=	995	ng/L	EPA 245.1	37	50			
2022/23-6	Lab	LCS, rec	6/2/2023	Metal	Mercury	Dissolved	=	100	%	EPA 245.1	-88	-88	85	115	
2022/23-6	MO-MEI	matrix spike	6/2/2023	Metal	Mercury	Dissolved	=	960	ng/L	EPA 245.1	37	50			
2022/23-6	MO-MEI	matrix spike, rec	6/2/2023	Metal	Mercury	Dissolved	=	96	%	EPA 245.1	-88	-88	70	130	
2022/23-6	MO-MEI	matrix spike dup	6/2/2023	Metal	Mercury	Dissolved	=	971	ng/L	EPA 245.1	37	50			
2022/23-6	MO-MEI	matrix spike dup, rec	6/2/2023	Metal	Mercury	Dissolved	=	97	%	EPA 245.1	-88	-88	70	130	
2022/23-6	MO-MEI	matrix spike, RPD	6/2/2023	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	
2022/23-6	MO-MPK	matrix spike	5/24/2023	Metal	Mercury	Dissolved	=	960	ng/L	EPA 245.1	37	50			
2022/23-6	MO-MPK	matrix spike, rec	5/24/2023	Metal	Mercury	Dissolved	=	96	%	EPA 245.1	-88	-88	70	130	
2022/23-6	MO-MPK	matrix spike dup	5/24/2023	Metal	Mercury	Dissolved	=	961	ng/L	EPA 245.1	37	50			
2022/23-6	MO-MPK	matrix spike dup, rec	5/24/2023	Metal	Mercury	Dissolved	=	96	%	EPA 245.1	-88	-88	70	130	
2022/23-6	MO-MPK	matrix spike, RPD	5/24/2023	Metal	Mercury	Dissolved	=	0.2	%	EPA 245.1	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/24/2023	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	37	50			
2022/23-6	000NONPJ	matrix spike, rec	5/24/2023	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/24/2023	Metal	Mercury	Total	=	963	ng/L	EPA 245.1	37	50			
2022/23-6	000NONPJ	matrix spike dup, rec	5/24/2023	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/24/2023	Metal	Mercury	Total	=	6	%	EPA 245.1	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	6/2/2023	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	37	50			
2022/23-6	000NONPJ	matrix spike, rec	6/2/2023	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/2/2023	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	37	50			
2022/23-6	000NONPJ	matrix spike dup, rec	6/2/2023	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/2/2023	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	
2022/23-6	Lab	method blank	5/24/2023	Metal	Mercury	Total	<	37	ng/L	EPA 245.1	37	50			
2022/23-6	Lab	LCS	5/24/2023	Metal	Mercury	Total	=	1130	ng/L	EPA 245.1	37	50			
2022/23-6	Lab	LCS, rec	5/24/2023	Metal	Mercury	Total	=	113	%	EPA 245.1	-88	-88	85	115	
2022/23-6	Lab	method blank	6/2/2023	Metal	Mercury	Total	<	37	ng/L	EPA 245.1	37	50			
2022/23-6	Lab	LCS	6/2/2023	Metal	Mercury	Total	=	995	ng/L	EPA 245.1	37	50			
2022/23-6	Lab	LCS, rec	6/2/2023	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	85	115	
2022/23-6	MO-MEI	matrix spike	6/2/2023	Metal	Mercury	Total	=	960	ng/L	EPA 245.1	37	50			
2022/23-6	MO-MEI	matrix spike, rec	6/2/2023	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	70	130	
2022/23-6	MO-MEI	matrix spike dup	6/2/2023	Metal	Mercury	Total	=	971	ng/L	EPA 245.1	37	50			
2022/23-6	MO-MEI	matrix spike dup, rec	6/2/2023	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	70	130	
2022/23-6	MO-MEI	matrix spike, RPD	6/2/2023	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	
2022/23-6	MO-MPK	matrix spike	5/24/2023	Metal	Mercury	Total	=	960	ng/L	EPA 245.1	37	50			
2022/23-6	MO-MPK	matrix spike, rec	5/24/2023	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	70	130	
2022/23-6	MO-MPK	matrix spike dup	5/24/2023	Metal	Mercury	Total	=	961	ng/L	EPA 245.1	37	50			
2022/23-6	MO-MPK	matrix spike dup, rec	5/24/2023	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	70	130	
2022/23-6	MO-MPK	matrix spike, RPD	5/24/2023	Metal	Mercury	Total	=	0.2	%	EPA 245.1	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Nickel	Dissolved	=	48.5	µg/L	EPA 200.8	0.16	2			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Nickel	Dissolved	=	92	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Nickel	Dissolved	=	49.3	µg/L	EPA 200.8	0.16	2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Nickel	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Nickel	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2022/23-6	Lab	LCS	5/26/2023	Metal	Nickel	Dissolved	=	52.2	µg/L	EPA 200.8	0.16	2			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Nickel	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2022/23-6	Lab	LCS	5/31/2023	Metal	Nickel	Dissolved	=	50.6	µg/L	EPA 200.8	0.16	2			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Nickel	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Nickel	Dissolved	<	0.16	µg/L	EPA 200.8	0.16	2			
2022/23-6	Lab	LCS	6/7/2023	Metal	Nickel	Dissolved	=	51.1	µg/L	EPA 200.8	0.16	2			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Nickel	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Nickel	Dissolved	=	52.3	µg/L	EPA 200.8	0.16	2			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Nickel	Dissolved	=	89	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Nickel	Dissolved	=	51.2	µg/L	EPA 200.8	0.16	2			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Nickel	Dissolved	=	87	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Nickel	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/26/2023	Metal	Nickel	Total	=	52.9	µg/L	EPA 200.8	0.4	2			
2022/23-6	000NONPJ	matrix spike, rec	5/26/2023	Metal	Nickel	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/26/2023	Metal	Nickel	Total	=	51	µg/L	EPA 200.8	0.4	2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/26/2023	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/26/2023	Metal	Nickel	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Nickel	Total	=	48.5	µg/L	EPA 200.8	0.4	2			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Nickel	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Nickel	Total	=	49.3	µg/L	EPA 200.8	0.4	2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Nickel	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Metal	Nickel	Total	=	53.7	µg/L	EPA 200.8	0.4	2			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Metal	Nickel	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Metal	Nickel	Total	=	54.8	µg/L	EPA 200.8	0.4	2			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Metal	Nickel	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Nickel	Total	<	0.4	µg/L	EPA 200.8	0.4	2			
2022/23-6	Lab	LCS	5/26/2023	Metal	Nickel	Total	=	52.2	µg/L	EPA 200.8	0.4	2			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Nickel	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Nickel	Total	<	0.4	µg/L	EPA 200.8	0.4	2			
2022/23-6	Lab	LCS	5/31/2023	Metal	Nickel	Total	=	50.6	µg/L	EPA 200.8	0.4	2			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Nickel	Total	<	0.4	µg/L	EPA 200.8	0.4	2			
2022/23-6	Lab	LCS	6/7/2023	Metal	Nickel	Total	=	51.1	µg/L	EPA 200.8	0.4	2			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Nickel	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-6	ME-CC	matrix spike	5/26/2023	Metal	Nickel	Total	=	54.6	µg/L	EPA 200.8	0.4	2			
2022/23-6	ME-CC	matrix spike, rec	5/26/2023	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike dup	5/26/2023	Metal	Nickel	Total	=	54.5	µg/L	EPA 200.8	0.4	2			
2022/23-6	ME-CC	matrix spike dup, rec	5/26/2023	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike, RPD	5/26/2023	Metal	Nickel	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-HUE	matrix spike	6/7/2023	Metal	Nickel	Total	=	51.4	µg/L	EPA 200.8	0.81	4			
2022/23-6	MO-HUE	matrix spike, rec	6/7/2023	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike dup	6/7/2023	Metal	Nickel	Total	=	50.9	µg/L	EPA 200.8	0.81	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	
2022/23-6	MO-HUE	matrix spike dup, rec	6/7/2023	Metal	Nickel	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike, RPD	6/7/2023	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Nickel	Total	=	52.3	µg/L	EPA 200.8	0.4	2			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Nickel	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Nickel	Total	=	51.2	µg/L	EPA 200.8	0.4	2			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Nickel	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Selenium	Dissolved	=	49.3	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Selenium	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Selenium	Dissolved	=	49.8	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Selenium	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Selenium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	Lab	LCS	5/26/2023	Metal	Selenium	Dissolved	=	52	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Selenium	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	Lab	LCS	5/31/2023	Metal	Selenium	Dissolved	=	50.4	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Selenium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Selenium	Dissolved	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	Lab	LCS	6/7/2023	Metal	Selenium	Dissolved	=	48.6	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Selenium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Selenium	Dissolved	=	60.9	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Selenium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Selenium	Dissolved	=	59.3	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Selenium	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Selenium	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/26/2023	Metal	Selenium	Total	=	52.2	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	000NONPJ	matrix spike, rec	5/26/2023	Metal	Selenium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/26/2023	Metal	Selenium	Total	=	50.7	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	000NONPJ	matrix spike dup, rec	5/26/2023	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/26/2023	Metal	Selenium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Selenium	Total	=	49.3	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Selenium	Total	=	49.8	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Metal	Selenium	Total	=	50.7	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Metal	Selenium	Total	=	51	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Metal	Selenium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	Lab	LCS	5/26/2023	Metal	Selenium	Total	=	52	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Selenium	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	Lab	LCS	5/31/2023	Metal	Selenium	Total	=	50.4	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	85	115	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	method blank	6/7/2023	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	Lab	LCS	6/7/2023	Metal	Selenium	Total	=	48.6	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-6	ME-CC	matrix spike	5/26/2023	Metal	Selenium	Total	=	53.4	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	ME-CC	matrix spike, rec	5/26/2023	Metal	Selenium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike dup	5/26/2023	Metal	Selenium	Total	=	53.6	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	ME-CC	matrix spike dup, rec	5/26/2023	Metal	Selenium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike, RPD	5/26/2023	Metal	Selenium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-HUE	matrix spike	6/7/2023	Metal	Selenium	Total	=	49.2	µg/L	EPA 200.8	0.13	0.8			
2022/23-6	MO-HUE	matrix spike, rec	6/7/2023	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike dup	6/7/2023	Metal	Selenium	Total	=	49.5	µg/L	EPA 200.8	0.13	0.8			
2022/23-6	MO-HUE	matrix spike dup, rec	6/7/2023	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike, RPD	6/7/2023	Metal	Selenium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Selenium	Total	=	60.9	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Selenium	Total	=	59.3	µg/L	EPA 200.8	0.067	0.4			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Selenium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Selenium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Silver	Dissolved	=	48.8	µg/L	EPA 200.8	0.03	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Silver	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Silver	Dissolved	=	49.8	µg/L	EPA 200.8	0.03	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Silver	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Silver	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2022/23-6	Lab	LCS	5/26/2023	Metal	Silver	Dissolved	=	52	µg/L	EPA 200.8	0.03	0.2			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Silver	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2022/23-6	Lab	LCS	5/31/2023	Metal	Silver	Dissolved	=	50.1	µg/L	EPA 200.8	0.03	0.2			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Silver	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2			
2022/23-6	Lab	LCS	6/7/2023	Metal	Silver	Dissolved	=	50.7	µg/L	EPA 200.8	0.03	0.2			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Silver	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Silver	Dissolved	=	47.5	µg/L	EPA 200.8	0.03	0.2			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Silver	Dissolved	=	90	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Silver	Dissolved	=	46.3	µg/L	EPA 200.8	0.03	0.2			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Silver	Dissolved	=	88	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Silver	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/26/2023	Metal	Silver	Total	=	50.5	µg/L	EPA 200.8	0.055	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/26/2023	Metal	Silver	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/26/2023	Metal	Silver	Total	=	49.7	µg/L	EPA 200.8	0.055	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/26/2023	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/26/2023	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Silver	Total	=	48.8	µg/L	EPA 200.8	0.055	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Silver	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Silver	Total	=	49.8	µg/L	EPA 200.8	0.055	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Metal	Silver	Total	=	52.7	µg/L	EPA 200.8	0.055	0.2			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Metal	Silver	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Metal	Silver	Total	=	52.3	µg/L	EPA 200.8	0.055	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Metal	Silver	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Metal	Silver	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2			
2022/23-6	Lab	LCS	5/26/2023	Metal	Silver	Total	=	52	µg/L	EPA 200.8	0.055	0.2			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Silver	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2			
2022/23-6	Lab	LCS	5/31/2023	Metal	Silver	Total	=	50.1	µg/L	EPA 200.8	0.055	0.2			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2			
2022/23-6	Lab	LCS	6/7/2023	Metal	Silver	Total	=	50.7	µg/L	EPA 200.8	0.055	0.2			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Silver	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-6	ME-CC	matrix spike	5/26/2023	Metal	Silver	Total	=	50.6	µg/L	EPA 200.8	0.055	0.2			
2022/23-6	ME-CC	matrix spike, rec	5/26/2023	Metal	Silver	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike dup	5/26/2023	Metal	Silver	Total	=	51	µg/L	EPA 200.8	0.055	0.2			
2022/23-6	ME-CC	matrix spike dup, rec	5/26/2023	Metal	Silver	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike, RPD	5/26/2023	Metal	Silver	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-HUE	matrix spike	6/7/2023	Metal	Silver	Total	=	49.5	µg/L	EPA 200.8	0.11	0.4			
2022/23-6	MO-HUE	matrix spike, rec	6/7/2023	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike dup	6/7/2023	Metal	Silver	Total	=	49.8	µg/L	EPA 200.8	0.11	0.4			
2022/23-6	MO-HUE	matrix spike dup, rec	6/7/2023	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike, RPD	6/7/2023	Metal	Silver	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Silver	Total	=	47.5	µg/L	EPA 200.8	0.055	0.2			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Silver	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Silver	Total	=	46.3	µg/L	EPA 200.8	0.055	0.2			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Silver	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Silver	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Thallium	Dissolved	=	50.2	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Thallium	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Thallium	Dissolved	=	51.2	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Thallium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Thallium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	Lab	LCS	5/26/2023	Metal	Thallium	Dissolved	=	51.1	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Thallium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	Lab	LCS	5/31/2023	Metal	Thallium	Dissolved	=	50.6	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Thallium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	Lab	LCS	6/7/2023	Metal	Thallium	Dissolved	=	49.9	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Thallium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Thallium	Dissolved	=	51.2	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Thallium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Thallium	Dissolved	=	49.7	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Thallium	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Thallium	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/26/2023	Metal	Thallium	Total	=	53	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/26/2023	Metal	Thallium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/26/2023	Metal	Thallium	Total	=	51.3	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/26/2023	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/26/2023	Metal	Thallium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Thallium	Total	=	50.2	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Thallium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Thallium	Total	=	51.2	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Metal	Thallium	Total	=	51.8	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Metal	Thallium	Total	=	51.8	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Metal	Thallium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	Lab	LCS	5/26/2023	Metal	Thallium	Total	=	51.1	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Thallium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	Lab	LCS	5/31/2023	Metal	Thallium	Total	=	50.6	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Thallium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	Lab	LCS	6/7/2023	Metal	Thallium	Total	=	49.9	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-6	ME-CC	matrix spike	5/26/2023	Metal	Thallium	Total	=	51.9	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	ME-CC	matrix spike, rec	5/26/2023	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike dup	5/26/2023	Metal	Thallium	Total	=	52.4	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	ME-CC	matrix spike dup, rec	5/26/2023	Metal	Thallium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike, RPD	5/26/2023	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-HUE	matrix spike	6/7/2023	Metal	Thallium	Total	=	53.1	µg/L	EPA 200.8	0.042	0.4			
2022/23-6	MO-HUE	matrix spike, rec	6/7/2023	Metal	Thallium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike dup	6/7/2023	Metal	Thallium	Total	=	53.2	µg/L	EPA 200.8	0.042	0.4			
2022/23-6	MO-HUE	matrix spike dup, rec	6/7/2023	Metal	Thallium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike, RPD	6/7/2023	Metal	Thallium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Thallium	Total	=	51.2	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Thallium	Total	=	49.7	µg/L	EPA 200.8	0.021	0.2			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Thallium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Thallium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Zinc	Dissolved	=	50.3	µg/L	EPA 200.8	1.7	10			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Zinc	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Zinc	Dissolved	=	50.4	µg/L	EPA 200.8	1.7	10			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Zinc	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Zinc	Dissolved	=	0.2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Zinc	Dissolved	<	1.7	µg/L	EPA 200.8	1.7	10			
2022/23-6	Lab	LCS	5/26/2023	Metal	Zinc	Dissolved	=	52.2	µg/L	EPA 200.8	1.7	10			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Zinc	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Zinc	Dissolved	<	1.7	µg/L	EPA 200.8	1.7	10			
2022/23-6	Lab	LCS	5/31/2023	Metal	Zinc	Dissolved	=	50.7	µg/L	EPA 200.8	1.7	10			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Zinc	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Zinc	Dissolved	<	1.7	µg/L	EPA 200.8	1.7	10			
2022/23-6	Lab	LCS	6/7/2023	Metal	Zinc	Dissolved	=	50.7	µg/L	EPA 200.8	1.7	10			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Zinc	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Zinc	Dissolved	=	61.9	µg/L	EPA 200.8	1.7	10			
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Zinc	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Zinc	Dissolved	=	59.5	µg/L	EPA 200.8	1.7	10			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Zinc	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Zinc	Dissolved	=	4	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/26/2023	Metal	Zinc	Total	=	230	µg/L	EPA 200.8	1.7	10			
2022/23-6	000NONPJ	matrix spike, rec	5/26/2023	Metal	Zinc	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/26/2023	Metal	Zinc	Total	=	222	µg/L	EPA 200.8	1.7	10			
2022/23-6	000NONPJ	matrix spike dup, rec	5/26/2023	Metal	Zinc	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/26/2023	Metal	Zinc	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Metal	Zinc	Total	=	50.3	µg/L	EPA 200.8	1.7	10			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Metal	Zinc	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Metal	Zinc	Total	=	50.4	µg/L	EPA 200.8	1.7	10			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Metal	Zinc	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Metal	Zinc	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Metal	Zinc	Total	=	51.4	µg/L	EPA 200.8	1.7	10			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Metal	Zinc	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Metal	Zinc	Total	=	50.9	µg/L	EPA 200.8	1.7	10			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Metal	Zinc	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Metal	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10			
2022/23-6	Lab	LCS	5/26/2023	Metal	Zinc	Total	=	52.2	µg/L	EPA 200.8	1.7	10			
2022/23-6	Lab	LCS, rec	5/26/2023	Metal	Zinc	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Metal	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10			
2022/23-6	Lab	LCS	5/31/2023	Metal	Zinc	Total	=	50.7	µg/L	EPA 200.8	1.7	10			
2022/23-6	Lab	LCS, rec	5/31/2023	Metal	Zinc	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-6	Lab	method blank	6/7/2023	Metal	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10			
2022/23-6	Lab	LCS	6/7/2023	Metal	Zinc	Total	=	50.7	µg/L	EPA 200.8	1.7	10			
2022/23-6	Lab	LCS, rec	6/7/2023	Metal	Zinc	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-6	ME-CC	matrix spike	5/26/2023	Metal	Zinc	Total	=	56.4	µg/L	EPA 200.8	1.7	10			
2022/23-6	ME-CC	matrix spike, rec	5/26/2023	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike dup	5/26/2023	Metal	Zinc	Total	=	59.5	µg/L	EPA 200.8	1.7	10			
2022/23-6	ME-CC	matrix spike dup, rec	5/26/2023	Metal	Zinc	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike, RPD	5/26/2023	Metal	Zinc	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-HUE	matrix spike	6/7/2023	Metal	Zinc	Total	=	51.6	µg/L	EPA 200.8	3.3	20			
2022/23-6	MO-HUE	matrix spike, rec	6/7/2023	Metal	Zinc	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike dup	6/7/2023	Metal	Zinc	Total	=	51.4	µg/L	EPA 200.8	3.3	20			
2022/23-6	MO-HUE	matrix spike dup, rec	6/7/2023	Metal	Zinc	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-HUE	matrix spike, RPD	6/7/2023	Metal	Zinc	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2022/23-6	MO-VEN	matrix spike	5/31/2023	Metal	Zinc	Total	=	61.9	µg/L	EPA 200.8	1.7	10			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	MO-VEN	matrix spike, rec	5/31/2023	Metal	Zinc	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike dup	5/31/2023	Metal	Zinc	Total	=	59.5	µg/L	EPA 200.8	1.7	10			
2022/23-6	MO-VEN	matrix spike dup, rec	5/31/2023	Metal	Zinc	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2022/23-6	MO-VEN	matrix spike, RPD	5/31/2023	Metal	Zinc	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/24/2023	Nutrient	Ammonia as N	n/a	=	0.277	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	000NONPJ	matrix spike, rec	5/24/2023	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	5/24/2023	Nutrient	Ammonia as N	n/a	=	0.279	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	000NONPJ	matrix spike dup, rec	5/24/2023	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	5/24/2023	Nutrient	Ammonia as N	n/a	=	0.4	%	EPA 350.1	-88	-88	0	15	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Nutrient	Ammonia as N	n/a	=	0.266	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Nutrient	Ammonia as N	n/a	=	0.268	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Nutrient	Ammonia as N	n/a	=	0.6	%	EPA 350.1	-88	-88	0	15	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Nutrient	Ammonia as N	n/a	=	0.442	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Nutrient	Ammonia as N	n/a	=	0.437	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Nutrient	Ammonia as N	n/a	=	1	%	EPA 350.1	-88	-88	0	15	
2022/23-6	000NONPJ	lab duplicate	6/5/2023	Nutrient	Ammonia as N	n/a	=	0.615	mg/L	EPA 350.1	0.017	0.1		15	
2022/23-6	000NONPJ	matrix spike	6/5/2023	Nutrient	Ammonia as N	n/a	=	0.273	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	000NONPJ	matrix spike, rec	6/5/2023	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	6/5/2023	Nutrient	Ammonia as N	n/a	=	0.278	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	000NONPJ	matrix spike dup, rec	6/5/2023	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	6/5/2023	Nutrient	Ammonia as N	n/a	=	2	%	EPA 350.1	-88	-88	0	15	
2022/23-6	Lab	method blank	5/24/2023	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	Lab	LCS	5/24/2023	Nutrient	Ammonia as N	n/a	=	0.256	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	Lab	LCS, rec	5/24/2023	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2022/23-6	Lab	method blank	5/24/2023	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	Lab	LCS	5/24/2023	Nutrient	Ammonia as N	n/a	=	0.244	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	Lab	LCS, rec	5/24/2023	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2022/23-6	Lab	method blank	5/31/2023	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	Lab	LCS	5/31/2023	Nutrient	Ammonia as N	n/a	=	0.248	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	Lab	LCS, rec	5/31/2023	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2022/23-6	Lab	method blank	5/31/2023	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	Lab	LCS	5/31/2023	Nutrient	Ammonia as N	n/a	=	0.254	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	Lab	LCS, rec	5/31/2023	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2022/23-6	Lab	method blank	6/5/2023	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	Lab	LCS	6/5/2023	Nutrient	Ammonia as N	n/a	=	0.261	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	Lab	LCS, rec	6/5/2023	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2022/23-6	Lab	method blank	6/5/2023	Nutrient	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	Lab	LCS	6/5/2023	Nutrient	Ammonia as N	n/a	=	0.26	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	Lab	LCS, rec	6/5/2023	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	
2022/23-6	ME-CC	matrix spike	5/24/2023	Nutrient	Ammonia as N	n/a	=	0.274	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	ME-CC	matrix spike, rec	5/24/2023	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2022/23-6	ME-CC	matrix spike dup	5/24/2023	Nutrient	Ammonia as N	n/a	=	0.275	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	ME-CC	matrix spike dup, rec	5/24/2023	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	ME-CC	matrix spike, RPD	5/24/2023	Nutrient	Ammonia as N	n/a	=	0.4	%	EPA 350.1	-88	-88	0	15	
2022/23-6	ME-VR2	matrix spike	6/5/2023	Nutrient	Ammonia as N	n/a	=	0.278	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	ME-VR2	matrix spike, rec	6/5/2023	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	
2022/23-6	ME-VR2	matrix spike dup	6/5/2023	Nutrient	Ammonia as N	n/a	=	0.278	mg/L	EPA 350.1	0.017	0.1			
2022/23-6	ME-VR2	matrix spike dup, rec	6/5/2023	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	
2022/23-6	ME-VR2	matrix spike, RPD	6/5/2023	Nutrient	Ammonia as N	n/a	=	0.1	%	EPA 350.1	-88	-88	0	15	
2022/23-6	000NONPJ	matrix spike	5/17/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	5.99	mg/L	EPA 353.2	0.036	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/17/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	5/17/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	6	mg/L	EPA 353.2	0.036	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/17/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	5/17/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0.2	%	EPA 353.2	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/17/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	6.17	mg/L	EPA 353.2	0.036	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/17/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	5/17/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	6.17	mg/L	EPA 353.2	0.036	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/17/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	5/17/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/19/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	2.82	mg/L	EPA 353.2	0.036	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/19/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	5/19/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	2.8	mg/L	EPA 353.2	0.036	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/19/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	5/19/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0.7	%	EPA 353.2	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/19/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	4.51	mg/L	EPA 353.2	0.036	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/19/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	5/19/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	4.51	mg/L	EPA 353.2	0.036	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/19/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	5/19/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/24/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	7.72	mg/L	EPA 353.2	0.036	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/24/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	5/24/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	7.72	mg/L	EPA 353.2	0.036	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/24/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	5/24/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/24/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	7.74	mg/L	EPA 353.2	0.036	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/24/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	5/24/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	7.73	mg/L	EPA 353.2	0.036	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/24/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	5/24/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0.1	%	EPA 353.2	-88	-88	0	20	
2022/23-6	000NONPJ	lab duplicate	5/24/2023	Nutrient	Nitrate + Nitrite as N	n/a	DNQ	0.161	mg/L	EPA 353.2	0.036	0.2		20	
2022/23-6	000NONPJ	matrix spike	5/24/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	2.57	mg/L	EPA 353.2	0.036	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/24/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	5/24/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	2.57	mg/L	EPA 353.2	0.036	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/24/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	5/24/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2022/23-6	Lab	method blank	5/17/2023	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2022/23-6	Lab	LCS	5/17/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0.978	mg/L	EPA 353.2	0.036	0.2			
2022/23-6	Lab	LCS, rec	5/17/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2022/23-6	Lab	method blank	5/19/2023	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2022/23-6	Lab	LCS	5/19/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0.962	mg/L	EPA 353.2	0.036	0.2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, rec	5/19/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2022/23-6	Lab	method blank	5/24/2023	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2022/23-6	Lab	LCS	5/24/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0.99	mg/L	EPA 353.2	0.036	0.2			
2022/23-6	Lab	LCS, rec	5/24/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2022/23-6	Lab	method blank	5/24/2023	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2022/23-6	Lab	LCS	5/24/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	0.979	mg/L	EPA 353.2	0.036	0.2			
2022/23-6	Lab	LCS, rec	5/24/2023	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike	5/17/2023	Nutrient	Nitrate as N	n/a	=	5.99	mg/L	EPA 353.2	0.04	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/17/2023	Nutrient	Nitrate as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	5/17/2023	Nutrient	Nitrate as N	n/a	=	6	mg/L	EPA 353.2	0.04	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/17/2023	Nutrient	Nitrate as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	5/17/2023	Nutrient	Nitrate as N	n/a	=	0.2	%	EPA 353.2	-88	-88	0	20	
2022/23-6	000NONPJ	matrix spike	5/17/2023	Nutrient	Nitrate as N	n/a	=	6.17	mg/L	EPA 353.2	0.04	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/17/2023	Nutrient	Nitrate as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	5/17/2023	Nutrient	Nitrate as N	n/a	=	6.17	mg/L	EPA 353.2	0.04	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/17/2023	Nutrient	Nitrate as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	5/17/2023	Nutrient	Nitrate as N	n/a	=	0	%	EPA 353.2	-88	-88	0	20	
2022/23-6	Lab	method blank	5/17/2023	Nutrient	Nitrate as N	n/a	<	0.04	mg/L	EPA 353.2	0.04	0.2			
2022/23-6	Lab	LCS	5/17/2023	Nutrient	Nitrate as N	n/a	=	0.978	mg/L	EPA 353.2	0.04	0.2			
2022/23-6	Lab	LCS, rec	5/17/2023	Nutrient	Nitrate as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike	5/25/2023	Nutrient	Phosphorus as P	Dissolved	=	2.28	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	000NONPJ	matrix spike, rec	5/25/2023	Nutrient	Phosphorus as P	Dissolved	=	107	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/25/2023	Nutrient	Phosphorus as P	Dissolved	=	2.29	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	000NONPJ	matrix spike dup, rec	5/25/2023	Nutrient	Phosphorus as P	Dissolved	=	107	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/25/2023	Nutrient	Phosphorus as P	Dissolved	=	0.4	%	EPA 200.7	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/25/2023	Nutrient	Phosphorus as P	Dissolved	=	4.88	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	000NONPJ	matrix spike, rec	5/25/2023	Nutrient	Phosphorus as P	Dissolved	=	109	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/25/2023	Nutrient	Phosphorus as P	Dissolved	=	4.91	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	000NONPJ	matrix spike dup, rec	5/25/2023	Nutrient	Phosphorus as P	Dissolved	=	111	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/25/2023	Nutrient	Phosphorus as P	Dissolved	=	0.7	%	EPA 200.7	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Nutrient	Phosphorus as P	Dissolved	=	2.19	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Nutrient	Phosphorus as P	Dissolved	=	108	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Nutrient	Phosphorus as P	Dissolved	=	2.21	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Nutrient	Phosphorus as P	Dissolved	=	109	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Nutrient	Phosphorus as P	Dissolved	=	1	%	EPA 200.7	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/5/2023	Nutrient	Phosphorus as P	Dissolved	=	2.14	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	000NONPJ	matrix spike, rec	6/5/2023	Nutrient	Phosphorus as P	Dissolved	=	105	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/5/2023	Nutrient	Phosphorus as P	Dissolved	=	2.13	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	000NONPJ	matrix spike dup, rec	6/5/2023	Nutrient	Phosphorus as P	Dissolved	=	105	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/5/2023	Nutrient	Phosphorus as P	Dissolved	=	0.4	%	EPA 200.7	-88	-88	0	30	
2022/23-6	Lab	method blank	5/25/2023	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	Lab	LCS	5/25/2023	Nutrient	Phosphorus as P	Dissolved	=	2.16	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	Lab	LCS, rec	5/25/2023	Nutrient	Phosphorus as P	Dissolved	=	108	%	EPA 200.7	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	Lab	LCS	5/31/2023	Nutrient	Phosphorus as P	Dissolved	=	2.19	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	Lab	LCS, rec	5/31/2023	Nutrient	Phosphorus as P	Dissolved	=	110	%	EPA 200.7	-88	-88	85	115	
2022/23-6	Lab	method blank	6/5/2023	Nutrient	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS	6/5/2023	Nutrient	Phosphorus as P	Dissolved	=	2.12	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	Lab	LCS, rec	6/5/2023	Nutrient	Phosphorus as P	Dissolved	=	106	%	EPA 200.7	-88	-88	85	115	
2022/23-6	ME-SCR	matrix spike	5/31/2023	Nutrient	Phosphorus as P	Dissolved	=	2.66	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	ME-SCR	matrix spike, rec	5/31/2023	Nutrient	Phosphorus as P	Dissolved	=	129	%	EPA 200.7	-88	-88	70	130	
2022/23-6	ME-SCR	matrix spike dup	5/31/2023	Nutrient	Phosphorus as P	Dissolved	=	2.63	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	ME-SCR	matrix spike dup, rec	5/31/2023	Nutrient	Phosphorus as P	Dissolved	=	127	%	EPA 200.7	-88	-88	70	130	
2022/23-6	ME-SCR	matrix spike, RPD	5/31/2023	Nutrient	Phosphorus as P	Dissolved	=	1	%	EPA 200.7	-88	-88	0	30	
2022/23-6	MO-MEI	matrix spike	6/5/2023	Nutrient	Phosphorus as P	Dissolved	=	2.18	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	MO-MEI	matrix spike, rec	6/5/2023	Nutrient	Phosphorus as P	Dissolved	=	107	%	EPA 200.7	-88	-88	70	130	
2022/23-6	MO-MEI	matrix spike dup	6/5/2023	Nutrient	Phosphorus as P	Dissolved	=	2.19	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	MO-MEI	matrix spike dup, rec	6/5/2023	Nutrient	Phosphorus as P	Dissolved	=	107	%	EPA 200.7	-88	-88	70	130	
2022/23-6	MO-MEI	matrix spike, RPD	6/5/2023	Nutrient	Phosphorus as P	Dissolved	=	0.7	%	EPA 200.7	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/25/2023	Nutrient	Phosphorus as P	Total	=	2.28	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	000NONPJ	matrix spike, rec	5/25/2023	Nutrient	Phosphorus as P	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/25/2023	Nutrient	Phosphorus as P	Total	=	2.29	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	000NONPJ	matrix spike dup, rec	5/25/2023	Nutrient	Phosphorus as P	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/25/2023	Nutrient	Phosphorus as P	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/25/2023	Nutrient	Phosphorus as P	Total	=	4.88	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	000NONPJ	matrix spike, rec	5/25/2023	Nutrient	Phosphorus as P	Total	=	109	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/25/2023	Nutrient	Phosphorus as P	Total	=	4.91	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	000NONPJ	matrix spike dup, rec	5/25/2023	Nutrient	Phosphorus as P	Total	=	111	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/25/2023	Nutrient	Phosphorus as P	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Nutrient	Phosphorus as P	Total	=	2.19	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Nutrient	Phosphorus as P	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Nutrient	Phosphorus as P	Total	=	2.21	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Nutrient	Phosphorus as P	Total	=	109	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Nutrient	Phosphorus as P	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/5/2023	Nutrient	Phosphorus as P	Total	=	2.14	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	000NONPJ	matrix spike, rec	6/5/2023	Nutrient	Phosphorus as P	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/5/2023	Nutrient	Phosphorus as P	Total	=	2.13	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	000NONPJ	matrix spike dup, rec	6/5/2023	Nutrient	Phosphorus as P	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/5/2023	Nutrient	Phosphorus as P	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2022/23-6	Lab	method blank	5/25/2023	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	Lab	LCS	5/25/2023	Nutrient	Phosphorus as P	Total	=	2.16	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	Lab	LCS, rec	5/25/2023	Nutrient	Phosphorus as P	Total	=	108	%	EPA 200.7	-88	-88	85	115	
2022/23-6	Lab	method blank	5/31/2023	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	Lab	LCS	5/31/2023	Nutrient	Phosphorus as P	Total	=	2.19	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	Lab	LCS, rec	5/31/2023	Nutrient	Phosphorus as P	Total	=	110	%	EPA 200.7	-88	-88	85	115	
2022/23-6	Lab	method blank	6/5/2023	Nutrient	Phosphorus as P	Total	<	0.018	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	Lab	LCS	6/5/2023	Nutrient	Phosphorus as P	Total	=	2.12	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	Lab	LCS, rec	6/5/2023	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	85	115	
2022/23-6	ME-SCR	matrix spike	5/31/2023	Nutrient	Phosphorus as P	Total	=	2.66	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	ME-SCR	matrix spike, rec	5/31/2023	Nutrient	Phosphorus as P	Total	=	110	%	EPA 200.7	-88	-88	70	130	
2022/23-6	ME-SCR	matrix spike dup	5/31/2023	Nutrient	Phosphorus as P	Total	=	2.63	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	ME-SCR	matrix spike dup, rec	5/31/2023	Nutrient	Phosphorus as P	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2022/23-6	ME-SCR	matrix spike, RPD	5/31/2023	Nutrient	Phosphorus as P	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2022/23-6	MO-MEI	matrix spike	6/5/2023	Nutrient	Phosphorus as P	Total	=	2.18	mg/L	EPA 200.7	0.018	0.05			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	MO-MEI	matrix spike, rec	6/5/2023	Nutrient	Phosphorus as P	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2022/23-6	MO-MEI	matrix spike dup	6/5/2023	Nutrient	Phosphorus as P	Total	=	2.19	mg/L	EPA 200.7	0.018	0.05			
2022/23-6	MO-MEI	matrix spike dup, rec	6/5/2023	Nutrient	Phosphorus as P	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2022/23-6	MO-MEI	matrix spike, RPD	6/5/2023	Nutrient	Phosphorus as P	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/6/2023	Nutrient	TKN	n/a	=	1.22	mg/L	EPA 351.2	0.065	0.1			
2022/23-6	000NONPJ	matrix spike, rec	6/6/2023	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	6/6/2023	Nutrient	TKN	n/a	=	1.13	mg/L	EPA 351.2	0.065	0.1			
2022/23-6	000NONPJ	matrix spike dup, rec	6/6/2023	Nutrient	TKN	n/a	=	93	%	EPA 351.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	6/6/2023	Nutrient	TKN	n/a	=	8	%	EPA 351.2	-88	-88	0	10	
2022/23-6	000NONPJ	matrix spike	6/6/2023	Nutrient	TKN	n/a	=	1.18	mg/L	EPA 351.2	0.065	0.1			
2022/23-6	000NONPJ	matrix spike, rec	6/6/2023	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	6/6/2023	Nutrient	TKN	n/a	=	1.13	mg/L	EPA 351.2	0.065	0.1			
2022/23-6	000NONPJ	matrix spike dup, rec	6/6/2023	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	6/6/2023	Nutrient	TKN	n/a	=	5	%	EPA 351.2	-88	-88	0	10	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Nutrient	TKN	n/a	=	0.969	mg/L	EPA 351.2	0.065	0.1			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Nutrient	TKN	n/a	=	0.937	mg/L	EPA 351.2	0.065	0.1			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Nutrient	TKN	n/a	=	94	%	EPA 351.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	10	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Nutrient	TKN	n/a	=	1.24	mg/L	EPA 351.2	0.065	0.1			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Nutrient	TKN	n/a	=	1.21	mg/L	EPA 351.2	0.065	0.1			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	10	
2022/23-6	000NONPJ	matrix spike	6/8/2023	Nutrient	TKN	n/a	=	2.86	mg/L	EPA 351.2	0.065	0.1			
2022/23-6	000NONPJ	matrix spike, rec	6/8/2023	Nutrient	TKN	n/a	=	96	%	EPA 351.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	6/8/2023	Nutrient	TKN	n/a	=	3.31	mg/L	EPA 351.2	0.065	0.1			GB,IL
2022/23-6	000NONPJ	matrix spike dup, rec	6/8/2023	Nutrient	TKN	n/a	=	140	%	EPA 351.2	-88	-88	90	110	GB,IL
2022/23-6	000NONPJ	matrix spike, RPD	6/8/2023	Nutrient	TKN	n/a	=	14	%	EPA 351.2	-88	-88	0	10	GB,IL
2022/23-6	000NONPJ	lab duplicate	6/8/2023	Nutrient	TKN	n/a	=	0.941	mg/L	EPA 351.2	0.065	0.1		10	
2022/23-6	000NONPJ	matrix spike	6/8/2023	Nutrient	TKN	n/a	=	2.08	mg/L	EPA 351.2	0.065	0.1			
2022/23-6	000NONPJ	matrix spike, rec	6/8/2023	Nutrient	TKN	n/a	=	104	%	EPA 351.2	-88	-88	90	110	
2022/23-6	000NONPJ	matrix spike dup	6/8/2023	Nutrient	TKN	n/a	=	2.16	mg/L	EPA 351.2	0.065	0.1			GB
2022/23-6	000NONPJ	matrix spike dup, rec	6/8/2023	Nutrient	TKN	n/a	=	112	%	EPA 351.2	-88	-88	90	110	GB
2022/23-6	000NONPJ	matrix spike, RPD	6/8/2023	Nutrient	TKN	n/a	=	4	%	EPA 351.2	-88	-88	0	10	GB
2022/23-6	Lab	method blank	6/6/2023	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2022/23-6	Lab	LCS	6/6/2023	Nutrient	TKN	n/a	=	0.982	mg/L	EPA 351.2	0.065	0.1			
2022/23-6	Lab	LCS, rec	6/6/2023	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2022/23-6	Lab	method blank	6/6/2023	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2022/23-6	Lab	LCS	6/6/2023	Nutrient	TKN	n/a	=	0.948	mg/L	EPA 351.2	0.065	0.1			
2022/23-6	Lab	LCS, rec	6/6/2023	Nutrient	TKN	n/a	=	95	%	EPA 351.2	-88	-88	90	110	
2022/23-6	Lab	method blank	6/7/2023	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2022/23-6	Lab	LCS	6/7/2023	Nutrient	TKN	n/a	=	0.904	mg/L	EPA 351.2	0.065	0.1			
2022/23-6	Lab	LCS, rec	6/7/2023	Nutrient	TKN	n/a	=	90	%	EPA 351.2	-88	-88	90	110	
2022/23-6	Lab	method blank	6/7/2023	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2022/23-6	Lab	LCS	6/7/2023	Nutrient	TKN	n/a	=	0.904	mg/L	EPA 351.2	0.065	0.1			
2022/23-6	Lab	LCS, rec	6/7/2023	Nutrient	TKN	n/a	=	90	%	EPA 351.2	-88	-88	90	110	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	method blank	6/8/2023	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2022/23-6	Lab	LCS	6/8/2023	Nutrient	TKN	n/a	=	0.965	mg/L	EPA 351.2	0.065	0.1			
2022/23-6	Lab	LCS, rec	6/8/2023	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2022/23-6	Lab	method blank	6/8/2023	Nutrient	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1			
2022/23-6	Lab	LCS	6/8/2023	Nutrient	TKN	n/a	=	0.984	mg/L	EPA 351.2	0.065	0.1			
2022/23-6	Lab	LCS, rec	6/8/2023	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2022/23-6	Lab	LCS	6/11/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	15.1	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	75	%	EPA 625.1	-88	-88	57	130	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	14.8	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	74	%	EPA 625.1	-88	-88	57	130	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	12.9	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	65	%	EPA 625.1	-88	-88	57	130	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	14.1	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	70	%	EPA 625.1	-88	-88	57	130	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	10.1	µg/L	EPA 625.1	0.49	1			EUM
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	50	%	EPA 625.1	-88	-88	57	130	EUM
2022/23-6	Lab	LCS dup	6/16/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	13	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	65	%	EPA 625.1	-88	-88	57	130	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	26	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	14.7	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	74	%	EPA 625.1	-88	-88	57	130	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	12	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	60	%	EPA 625.1	-88	-88	57	130	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	1,2,4-Trichlorobenzene	n/a	=	20	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS	6/11/2023	Organic	1,2-Dichlorobenzene	n/a	=	13.8	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	1,2-Dichlorobenzene	n/a	=	69	%	EPA 625.1	-88	-88	57	120	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	1,2-Dichlorobenzene	n/a	=	13.7	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	1,2-Dichlorobenzene	n/a	=	68	%	EPA 625.1	-88	-88	57	120	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	1,2-Dichlorobenzene	n/a	=	0.8	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	1,2-Dichlorobenzene	n/a	=	12.3	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	1,2-Dichlorobenzene	n/a	=	61	%	EPA 625.1	-88	-88	57	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	1,2-Dichlorobenzene	n/a	=	13.6	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	1,2-Dichlorobenzene	n/a	=	68	%	EPA 625.1	-88	-88	57	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	1,2-Dichlorobenzene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	1,2-Dichlorobenzene	n/a	=	8.97	µg/L	EPA 625.1	0.46	1			EUM
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	1,2-Dichlorobenzene	n/a	=	45	%	EPA 625.1	-88	-88	57	120	EUM
2022/23-6	Lab	LCS dup	6/16/2023	Organic	1,2-Dichlorobenzene	n/a	=	11.7	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	1,2-Dichlorobenzene	n/a	=	59	%	EPA 625.1	-88	-88	57	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	1,2-Dichlorobenzene	n/a	=	27	%	EPA 625.1	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	method blank	6/16/2023	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	1,2-Dichlorobenzene	n/a	=	15.2	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	1,2-Dichlorobenzene	n/a	=	76	%	EPA 625.1	-88	-88	57	120	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	1,2-Dichlorobenzene	n/a	=	12.1	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	1,2-Dichlorobenzene	n/a	=	61	%	EPA 625.1	-88	-88	57	120	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	1,2-Dichlorobenzene	n/a	=	22	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	method blank	6/11/2023	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2022/23-6	Lab	method blank	6/16/2023	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2022/23-6	Lab	method blank	6/16/2023	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2022/23-6	Lab	LCS	6/11/2023	Organic	1,3-Dichlorobenzene	n/a	<	12.9	µg/L	EPA 625.1	0.42	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	1,3-Dichlorobenzene	n/a	=	64	%	EPA 625.1	-88	-88	55	120	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	1,3-Dichlorobenzene	n/a	=	13	µg/L	EPA 625.1	0.42	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	1,3-Dichlorobenzene	n/a	=	65	%	EPA 625.1	-88	-88	55	120	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	1,3-Dichlorobenzene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	1,3-Dichlorobenzene	n/a	=	11.4	µg/L	EPA 625.1	0.42	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	1,3-Dichlorobenzene	n/a	=	57	%	EPA 625.1	-88	-88	55	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	1,3-Dichlorobenzene	n/a	=	12.6	µg/L	EPA 625.1	0.42	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	1,3-Dichlorobenzene	n/a	=	63	%	EPA 625.1	-88	-88	55	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	1,3-Dichlorobenzene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	1,3-Dichlorobenzene	n/a	=	8.41	µg/L	EPA 625.1	0.42	1			EUM
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	1,3-Dichlorobenzene	n/a	=	42	%	EPA 625.1	-88	-88	55	120	EUM
2022/23-6	Lab	LCS dup	6/16/2023	Organic	1,3-Dichlorobenzene	n/a	=	10.6	µg/L	EPA 625.1	0.42	1			EUM
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	1,3-Dichlorobenzene	n/a	=	53	%	EPA 625.1	-88	-88	55	120	EUM
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	1,3-Dichlorobenzene	n/a	=	23	%	EPA 625.1	-88	-88	0	30	EUM
2022/23-6	Lab	method blank	6/16/2023	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	1,3-Dichlorobenzene	n/a	=	13	µg/L	EPA 625.1	0.42	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	1,3-Dichlorobenzene	n/a	=	65	%	EPA 625.1	-88	-88	55	120	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	1,3-Dichlorobenzene	n/a	=	10.8	µg/L	EPA 625.1	0.42	1			EUM
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	1,3-Dichlorobenzene	n/a	=	54	%	EPA 625.1	-88	-88	55	120	EUM
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	1,3-Dichlorobenzene	n/a	=	19	%	EPA 625.1	-88	-88	0	30	EUM
2022/23-6	Lab	method blank	6/23/2023	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2022/23-6	Lab	srgt LCS	5/26/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.349	µg/L	EPA 625.1m	-88	-88			
2022/23-6	Lab	srgt LCS, rec	5/26/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	70	%	EPA 625.1m	-88	-88	23	148	
2022/23-6	Lab	srgt LCS dup	5/27/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.361	µg/L	EPA 625.1m	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	5/27/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	72	%	EPA 625.1m	-88	-88	23	148	
2022/23-6	Lab	srgt method blank	5/27/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.329	µg/L	EPA 625.1m	-88	-88			
2022/23-6	Lab	srgt method blank, rec	5/27/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	66	%	EPA 625.1m	-88	-88	23	148	
2022/23-6	Lab	srgt LCS	6/2/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.382	µg/L	EPA 625.1m	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/2/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	76	%	EPA 625.1m	-88	-88	23	148	
2022/23-6	Lab	srgt LCS dup	6/2/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.42	µg/L	EPA 625.1m	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/2/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	84	%	EPA 625.1m	-88	-88	23	148	
2022/23-6	Lab	srgt method blank	6/2/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.415	µg/L	EPA 625.1m	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/2/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	83	%	EPA 625.1m	-88	-88	23	148	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	srgt method blank	6/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.18	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt LCS	6/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt LCS dup	6/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.95	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt method blank	6/6/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.13	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/6/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt LCS	6/6/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.93	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/6/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt LCS dup	6/6/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.22	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/6/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt method blank	6/12/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.65	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/12/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt LCS	6/12/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.51	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/12/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt LCS dup	6/12/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.68	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/12/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt method blank	6/20/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.27	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/20/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	85	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt LCS	6/20/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	3.87	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/20/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	77	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt LCS dup	6/20/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.11	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/20/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	82	%	EPA 525.2	-88	-88	70	130	
2022/23-6	ME-CC	srgt environ	5/27/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.401	µg/L	EPA 625.1m	-88	-88			
2022/23-6	ME-CC	srgt environ, rec	5/27/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	79	%	EPA 625.1m	-88	-88	23	148	
2022/23-6	ME-CC	srgt environ	6/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.97	µg/L	EPA 525.2	-88	-88			
2022/23-6	ME-CC	srgt environ, rec	6/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2022/23-6	ME-SCR	srgt environ	5/27/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.627	µg/L	EPA 625.1m	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	5/27/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	123	%	EPA 625.1m	-88	-88	23	148	
2022/23-6	ME-SCR	srgt environ	6/13/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.87	µg/L	EPA 525.2	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	6/13/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2022/23-6	ME-SCR	srgt environ	6/20/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.69	µg/L	EPA 525.2	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	6/20/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2022/23-6	ME-VR2	srgt environ	6/2/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.387	µg/L	EPA 625.1m	-88	-88			
2022/23-6	ME-VR2	srgt environ, rec	6/2/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	76	%	EPA 625.1m	-88	-88	23	148	
2022/23-6	ME-VR2	srgt environ	6/7/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.22	µg/L	EPA 525.2	-88	-88			
2022/23-6	ME-VR2	srgt environ, rec	6/7/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2022/23-6	MO-CAM	srgt environ	5/27/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.365	µg/L	EPA 625.1m	-88	-88			
2022/23-6	MO-CAM	srgt environ, rec	5/27/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	71	%	EPA 625.1m	-88	-88	23	148	
2022/23-6	MO-CAM	srgt environ	6/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.91	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-CAM	srgt environ, rec	6/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2022/23-6	MO-FIL	srgt environ	6/13/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.1	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-FIL	srgt environ, rec	6/13/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2022/23-6	MO-HUE	srgt environ	6/2/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.372	µg/L	EPA 625.1m	-88	-88			
2022/23-6	MO-HUE	srgt environ, rec	6/2/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	73	%	EPA 625.1m	-88	-88	23	148	
2022/23-6	MO-HUE	srgt environ	6/7/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.41	µg/L	EPA 525.2	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	MO-HUE	srgt environ, rec	6/7/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2022/23-6	MO-MEI	srgt environ	6/2/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.392	µg/L	EPA 625.1m	-88	-88			
2022/23-6	MO-MEI	srgt environ, rec	6/2/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	77	%	EPA 625.1m	-88	-88	23	148	
2022/23-6	MO-MEI	srgt environ	6/7/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.58	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-MEI	srgt environ, rec	6/7/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2022/23-6	MO-MPK	srgt environ	5/27/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.406	µg/L	EPA 625.1m	-88	-88			
2022/23-6	MO-MPK	srgt environ, rec	5/27/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	80	%	EPA 625.1m	-88	-88	23	148	
2022/23-6	MO-MPK	srgt environ	6/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.27	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-MPK	srgt environ, rec	6/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2022/23-6	MO-OJA	srgt environ	6/2/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.398	µg/L	EPA 625.1m	-88	-88			
2022/23-6	MO-OJA	srgt environ, rec	6/2/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	78	%	EPA 625.1m	-88	-88	23	148	
2022/23-6	MO-OJA	srgt environ	6/7/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.84	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-OJA	srgt environ, rec	6/7/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2022/23-6	MO-SIM	srgt environ	5/27/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.375	µg/L	EPA 625.1m	-88	-88			
2022/23-6	MO-SIM	srgt environ, rec	5/27/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	73	%	EPA 625.1m	-88	-88	23	148	
2022/23-6	MO-SIM	srgt environ	6/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.56	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-SIM	srgt environ, rec	6/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2022/23-6	MO-THO	srgt environ	5/27/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.406	µg/L	EPA 625.1m	-88	-88			
2022/23-6	MO-THO	srgt environ, rec	5/27/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	80	%	EPA 625.1m	-88	-88	23	148	
2022/23-6	MO-THO	srgt environ	6/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.61	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-THO	srgt environ, rec	6/5/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2022/23-6	MO-VEN	srgt environ	5/27/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.366	µg/L	EPA 625.1m	-88	-88			
2022/23-6	MO-VEN	srgt environ, rec	5/27/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	70	%	EPA 625.1m	-88	-88	23	148	
2022/23-6	MO-VEN	srgt environ	6/13/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	51.7	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-VEN	srgt environ, rec	6/13/2023	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS	6/11/2023	Organic	1,4-Dichlorobenzene	n/a	=	12.4	µg/L	EPA 625.1	0.48	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	1,4-Dichlorobenzene	n/a	=	62	%	EPA 625.1	-88	-88	55	120	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	1,4-Dichlorobenzene	n/a	=	12.6	µg/L	EPA 625.1	0.48	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	1,4-Dichlorobenzene	n/a	=	63	%	EPA 625.1	-88	-88	55	120	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	1,4-Dichlorobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	1,4-Dichlorobenzene	n/a	=	11	µg/L	EPA 625.1	0.48	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	1,4-Dichlorobenzene	n/a	=	55	%	EPA 625.1	-88	-88	55	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	1,4-Dichlorobenzene	n/a	=	12.2	µg/L	EPA 625.1	0.48	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	1,4-Dichlorobenzene	n/a	=	61	%	EPA 625.1	-88	-88	55	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	1,4-Dichlorobenzene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	1,4-Dichlorobenzene	n/a	=	8.16	µg/L	EPA 625.1	0.48	1			EUM
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	1,4-Dichlorobenzene	n/a	=	41	%	EPA 625.1	-88	-88	55	120	EUM
2022/23-6	Lab	LCS dup	6/16/2023	Organic	1,4-Dichlorobenzene	n/a	=	10.4	µg/L	EPA 625.1	0.48	1			EUM
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	1,4-Dichlorobenzene	n/a	=	52	%	EPA 625.1	-88	-88	55	120	EUM
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	1,4-Dichlorobenzene	n/a	=	24	%	EPA 625.1	-88	-88	0	30	EUM
2022/23-6	Lab	method blank	6/16/2023	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	1,4-Dichlorobenzene	n/a	=	13	µg/L	EPA 625.1	0.48	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	1,4-Dichlorobenzene	n/a	=	65	%	EPA 625.1	-88	-88	55	120	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	1,4-Dichlorobenzene	n/a	=	10.7	µg/L	EPA 625.1	0.48	1			EUM
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	1,4-Dichlorobenzene	n/a	=	53	%	EPA 625.1	-88	-88	55	120	EUM

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	1,4-Dichlorobenzene	n/a	=	20	%	EPA 625.1	-88	-88	0	30	EUM
2022/23-6	Lab	method blank	6/23/2023	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2022/23-6	Lab	method blank	6/8/2023	Organic	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1			
2022/23-6	Lab	method blank	6/20/2023	Organic	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1			
2022/23-6	Lab	method blank	6/20/2023	Organic	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	1-Methylnaphthalene	n/a	=	0.772	µg/L	EPA 8270C	0.024	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	1-Methylnaphthalene	n/a	=	77	%	EPA 8270C	-88	-88	50	150	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	1-Methylnaphthalene	n/a	=	0.541	µg/L	EPA 8270C	0.024	0.1			IL
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	1-Methylnaphthalene	n/a	=	54	%	EPA 8270C	-88	-88	50	150	IL
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	1-Methylnaphthalene	n/a	=	35	%	EPA 8270C	-88	-88	0	30	IL
2022/23-6	Lab	method blank	6/20/2023	Organic	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1			
2022/23-6	Lab	method blank	5/26/2023	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2022/23-6	Lab	method blank	6/21/2023	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2022/23-6	Lab	method blank	6/22/2023	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1			
2022/23-6	Lab	srgt method blank	5/26/2023	Organic	2,4,6-Tribromophenol	n/a	=	26.2	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt method blank, rec	5/26/2023	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 8270C	-88	-88	26	117	
2022/23-6	Lab	srgt LCS	5/26/2023	Organic	2,4,6-Tribromophenol	n/a	=	36.4	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS, rec	5/26/2023	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 8270C	-88	-88	26	117	
2022/23-6	Lab	srgt LCS dup	5/26/2023	Organic	2,4,6-Tribromophenol	n/a	=	33	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	5/26/2023	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 8270C	-88	-88	26	117	
2022/23-6	Lab	srgt LCS	6/11/2023	Organic	2,4,6-Tribromophenol	n/a	=	35.8	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/11/2023	Organic	2,4,6-Tribromophenol	n/a	=	90	%	EPA 625.1	-88	-88	25	120	
2022/23-6	Lab	srgt LCS dup	6/11/2023	Organic	2,4,6-Tribromophenol	n/a	=	33.1	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/11/2023	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 625.1	-88	-88	25	120	
2022/23-6	Lab	srgt method blank	6/11/2023	Organic	2,4,6-Tribromophenol	n/a	=	27.2	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/11/2023	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 625.1	-88	-88	25	120	
2022/23-6	Lab	srgt LCS	6/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	34.6	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 625.1	-88	-88	25	120	
2022/23-6	Lab	srgt LCS dup	6/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	33.4	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 625.1	-88	-88	25	120	
2022/23-6	Lab	srgt method blank	6/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	25.2	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/14/2023	Organic	2,4,6-Tribromophenol	n/a	=	63	%	EPA 625.1	-88	-88	25	120	
2022/23-6	Lab	srgt LCS	6/16/2023	Organic	2,4,6-Tribromophenol	n/a	=	27.3	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/16/2023	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 625.1	-88	-88	25	120	
2022/23-6	Lab	srgt LCS dup	6/16/2023	Organic	2,4,6-Tribromophenol	n/a	=	30.5	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/16/2023	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625.1	-88	-88	25	120	
2022/23-6	Lab	srgt method blank	6/16/2023	Organic	2,4,6-Tribromophenol	n/a	=	31.6	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/16/2023	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625.1	-88	-88	25	120	
2022/23-6	Lab	srgt LCS	6/16/2023	Organic	2,4,6-Tribromophenol	n/a	=	27	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/16/2023	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 625.1	-88	-88	25	120	
2022/23-6	Lab	srgt LCS dup	6/16/2023	Organic	2,4,6-Tribromophenol	n/a	=	29.1	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/16/2023	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625.1	-88	-88	25	120	
2022/23-6	Lab	srgt method blank	6/16/2023	Organic	2,4,6-Tribromophenol	n/a	=	33.5	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/16/2023	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625.1	-88	-88	25	120	
2022/23-6	Lab	srgt method blank	6/21/2023	Organic	2,4,6-Tribromophenol	n/a	=	29.2	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/21/2023	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 8270C	-88	-88	26	117	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	srgt LCS	6/21/2023	Organic	2,4,6-Tribromophenol	n/a	=	32.1	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/21/2023	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 8270C	-88	-88	26	117	
2022/23-6	Lab	srgt LCS dup	6/21/2023	Organic	2,4,6-Tribromophenol	n/a	=	31.2	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/21/2023	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 8270C	-88	-88	26	117	
2022/23-6	Lab	srgt method blank	6/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	34.7	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	87	%	EPA 8270C	-88	-88	26	117	
2022/23-6	Lab	srgt LCS	6/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	25.6	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 8270C	-88	-88	26	117	
2022/23-6	Lab	srgt LCS dup	6/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	32.7	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 8270C	-88	-88	26	117	
2022/23-6	Lab	srgt method blank	6/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	33.3	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 8270C	-88	-88	26	117	
2022/23-6	Lab	srgt LCS	6/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	38.3	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	96	%	EPA 8270C	-88	-88	26	117	
2022/23-6	Lab	srgt LCS dup	6/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	31.4	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 8270C	-88	-88	26	117	
2022/23-6	Lab	srgt LCS	6/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	33.3	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 625.1	-88	-88	25	120	
2022/23-6	Lab	srgt LCS dup	6/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	27.7	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 625.1	-88	-88	25	120	
2022/23-6	Lab	srgt method blank	6/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	30.4	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625.1	-88	-88	25	120	
2022/23-6	ME-CC	srgt environ	5/26/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.323	µg/L	EPA 8270C	-88	-88			GN
2022/23-6	ME-CC	srgt environ, rec	5/26/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.9	%	EPA 8270C	-88	-88	26	117	GN
2022/23-6	ME-CC	srgt environ	6/12/2023	Organic	2,4,6-Tribromophenol	n/a	=	0.393	µg/L	EPA 625.1	-88	-88			GN
2022/23-6	ME-CC	srgt environ, rec	6/12/2023	Organic	2,4,6-Tribromophenol	n/a	=	1	%	EPA 625.1	-88	-88	25	120	GN
2022/23-6	ME-SCR	srgt environ	6/17/2023	Organic	2,4,6-Tribromophenol	n/a	=	29.8	µg/L	EPA 625.1	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	6/17/2023	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625.1	-88	-88	25	120	
2022/23-6	ME-SCR	srgt environ	6/21/2023	Organic	2,4,6-Tribromophenol	n/a	=	13	µg/L	EPA 8270C	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	6/21/2023	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 8270C	-88	-88	26	117	
2022/23-6	ME-VR2	srgt environ	6/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	32	µg/L	EPA 8270C	-88	-88			
2022/23-6	ME-VR2	srgt environ, rec	6/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 8270C	-88	-88	26	117	
2022/23-6	ME-VR2	srgt environ	6/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	29.3	µg/L	EPA 625.1	-88	-88			
2022/23-6	ME-VR2	srgt environ, rec	6/23/2023	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 625.1	-88	-88	25	120	
2022/23-6	MO-CAM	srgt environ	5/26/2023	Organic	2,4,6-Tribromophenol	n/a	=	35.9	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-CAM	srgt environ, rec	5/26/2023	Organic	2,4,6-Tribromophenol	n/a	=	93	%	EPA 8270C	-88	-88	26	117	
2022/23-6	MO-CAM	srgt environ	6/12/2023	Organic	2,4,6-Tribromophenol	n/a	=	34.7	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-CAM	srgt environ, rec	6/12/2023	Organic	2,4,6-Tribromophenol	n/a	=	89	%	EPA 625.1	-88	-88	25	120	
2022/23-6	MO-FIL	srgt environ	6/17/2023	Organic	2,4,6-Tribromophenol	n/a	=	26.9	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-FIL	srgt environ, rec	6/17/2023	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625.1	-88	-88	25	120	
2022/23-6	MO-FIL	srgt environ	6/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	5.1	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-FIL	srgt environ, rec	6/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	53	%	EPA 8270C	-88	-88	26	117	
2022/23-6	MO-HUE	srgt environ	6/16/2023	Organic	2,4,6-Tribromophenol	n/a	=	34.7	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-HUE	srgt environ, rec	6/16/2023	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 625.1	-88	-88	25	120	
2022/23-6	MO-HUE	srgt environ	6/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	30.8	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-HUE	srgt environ, rec	6/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 8270C	-88	-88	26	117	
2022/23-6	MO-MEI	srgt environ	6/16/2023	Organic	2,4,6-Tribromophenol	n/a	=	29.3	µg/L	EPA 625.1	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	MO-MEI	srgt environ, rec	6/16/2023	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 625.1	-88	-88	25	120	
2022/23-6	MO-MEI	srgt environ	6/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	26	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-MEI	srgt environ, rec	6/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 8270C	-88	-88	26	117	
2022/23-6	MO-MPK	srgt environ	5/26/2023	Organic	2,4,6-Tribromophenol	n/a	=	30.5	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-MPK	srgt environ, rec	5/26/2023	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 8270C	-88	-88	26	117	
2022/23-6	MO-MPK	srgt environ	6/12/2023	Organic	2,4,6-Tribromophenol	n/a	=	31.2	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-MPK	srgt environ, rec	6/12/2023	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 625.1	-88	-88	25	120	
2022/23-6	MO-OJA	srgt environ	6/16/2023	Organic	2,4,6-Tribromophenol	n/a	=	28.5	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-OJA	srgt environ, rec	6/16/2023	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625.1	-88	-88	25	120	
2022/23-6	MO-OJA	srgt environ	6/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	28.9	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-OJA	srgt environ, rec	6/22/2023	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 8270C	-88	-88	26	117	
2022/23-6	MO-SIM	srgt environ	5/26/2023	Organic	2,4,6-Tribromophenol	n/a	=	28.4	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-SIM	srgt environ, rec	5/26/2023	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 8270C	-88	-88	26	117	
2022/23-6	MO-SIM	srgt environ	6/12/2023	Organic	2,4,6-Tribromophenol	n/a	=	30.9	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-SIM	srgt environ, rec	6/12/2023	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625.1	-88	-88	25	120	
2022/23-6	MO-THO	srgt environ	5/26/2023	Organic	2,4,6-Tribromophenol	n/a	=	27	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-THO	srgt environ, rec	5/26/2023	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 8270C	-88	-88	26	117	
2022/23-6	MO-THO	srgt environ	6/12/2023	Organic	2,4,6-Tribromophenol	n/a	=	29.9	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-THO	srgt environ, rec	6/12/2023	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625.1	-88	-88	25	120	
2022/23-6	MO-VEN	srgt environ	6/17/2023	Organic	2,4,6-Tribromophenol	n/a	=	27.2	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-VEN	srgt environ, rec	6/17/2023	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625.1	-88	-88	25	120	
2022/23-6	MO-VEN	srgt environ	6/21/2023	Organic	2,4,6-Tribromophenol	n/a	=	8.08	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-VEN	srgt environ, rec	6/21/2023	Organic	2,4,6-Tribromophenol	n/a	=	80	%	EPA 8270C	-88	-88	26	117	
2022/23-6	Lab	method blank	5/26/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2022/23-6	Lab	LCS	5/26/2023	Organic	2,4,6-Trichlorophenol	n/a	=	18.2	µg/L	EPA 8270C	0.3	1			
2022/23-6	Lab	LCS, rec	5/26/2023	Organic	2,4,6-Trichlorophenol	n/a	=	91	%	EPA 8270C	-88	-88	30	115	
2022/23-6	Lab	LCS dup	5/26/2023	Organic	2,4,6-Trichlorophenol	n/a	=	16.9	µg/L	EPA 8270C	0.3	1			
2022/23-6	Lab	LCS dup, rec	5/26/2023	Organic	2,4,6-Trichlorophenol	n/a	=	85	%	EPA 8270C	-88	-88	30	115	
2022/23-6	Lab	LCS, RPD	5/26/2023	Organic	2,4,6-Trichlorophenol	n/a	=	7	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	2,4,6-Trichlorophenol	n/a	=	16.1	µg/L	EPA 625.1	0.22	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	2,4,6-Trichlorophenol	n/a	=	80	%	EPA 625.1	-88	-88	52	129	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	2,4,6-Trichlorophenol	n/a	=	15.6	µg/L	EPA 625.1	0.22	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	2,4,6-Trichlorophenol	n/a	=	78	%	EPA 625.1	-88	-88	52	129	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	2,4,6-Trichlorophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	2,4,6-Trichlorophenol	n/a	=	12.5	µg/L	EPA 625.1	0.22	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	2,4,6-Trichlorophenol	n/a	=	63	%	EPA 625.1	-88	-88	52	129	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	2,4,6-Trichlorophenol	n/a	=	15	µg/L	EPA 625.1	0.22	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	2,4,6-Trichlorophenol	n/a	=	75	%	EPA 625.1	-88	-88	52	129	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	2,4,6-Trichlorophenol	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	2,4,6-Trichlorophenol	n/a	=	12.7	µg/L	EPA 625.1	0.22	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	2,4,6-Trichlorophenol	n/a	=	64	%	EPA 625.1	-88	-88	52	129	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	2,4,6-Trichlorophenol	n/a	=	14.5	µg/L	EPA 625.1	0.22	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	2,4,6-Trichlorophenol	n/a	=	72	%	EPA 625.1	-88	-88	52	129	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	2,4,6-Trichlorophenol	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	method blank	6/21/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2022/23-6	Lab	LCS	6/21/2023	Organic	2,4,6-Trichlorophenol	n/a	=	15.8	µg/L	EPA 8270C	0.3	1			
2022/23-6	Lab	LCS, rec	6/21/2023	Organic	2,4,6-Trichlorophenol	n/a	=	79	%	EPA 8270C	-88	-88	30	115	
2022/23-6	Lab	LCS dup	6/21/2023	Organic	2,4,6-Trichlorophenol	n/a	=	15.1	µg/L	EPA 8270C	0.3	1			
2022/23-6	Lab	LCS dup, rec	6/21/2023	Organic	2,4,6-Trichlorophenol	n/a	=	76	%	EPA 8270C	-88	-88	30	115	
2022/23-6	Lab	LCS, RPD	6/21/2023	Organic	2,4,6-Trichlorophenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/22/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2022/23-6	Lab	LCS	6/22/2023	Organic	2,4,6-Trichlorophenol	n/a	=	12.7	µg/L	EPA 8270C	0.3	1			
2022/23-6	Lab	LCS, rec	6/22/2023	Organic	2,4,6-Trichlorophenol	n/a	=	64	%	EPA 8270C	-88	-88	30	115	
2022/23-6	Lab	LCS dup	6/22/2023	Organic	2,4,6-Trichlorophenol	n/a	=	16.1	µg/L	EPA 8270C	0.3	1			
2022/23-6	Lab	LCS dup, rec	6/22/2023	Organic	2,4,6-Trichlorophenol	n/a	=	80	%	EPA 8270C	-88	-88	30	115	
2022/23-6	Lab	LCS, RPD	6/22/2023	Organic	2,4,6-Trichlorophenol	n/a	=	23	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/22/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2022/23-6	Lab	LCS	6/22/2023	Organic	2,4,6-Trichlorophenol	n/a	=	18	µg/L	EPA 8270C	0.3	1			
2022/23-6	Lab	LCS, rec	6/22/2023	Organic	2,4,6-Trichlorophenol	n/a	=	90	%	EPA 8270C	-88	-88	30	115	
2022/23-6	Lab	LCS dup	6/22/2023	Organic	2,4,6-Trichlorophenol	n/a	=	15	µg/L	EPA 8270C	0.3	1			
2022/23-6	Lab	LCS dup, rec	6/22/2023	Organic	2,4,6-Trichlorophenol	n/a	=	75	%	EPA 8270C	-88	-88	30	115	
2022/23-6	Lab	LCS, RPD	6/22/2023	Organic	2,4,6-Trichlorophenol	n/a	=	19	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	2,4,6-Trichlorophenol	n/a	=	15	µg/L	EPA 625.1	0.22	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	2,4,6-Trichlorophenol	n/a	=	75	%	EPA 625.1	-88	-88	52	129	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	2,4,6-Trichlorophenol	n/a	=	12.6	µg/L	EPA 625.1	0.22	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	2,4,6-Trichlorophenol	n/a	=	63	%	EPA 625.1	-88	-88	52	129	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	2,4,6-Trichlorophenol	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-6	Lab	method blank	5/26/2023	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2022/23-6	Lab	LCS	5/26/2023	Organic	2,4-Dichlorophenol	n/a	=	17.3	µg/L	EPA 8270C	0.51	1			
2022/23-6	Lab	LCS, rec	5/26/2023	Organic	2,4-Dichlorophenol	n/a	=	86	%	EPA 8270C	-88	-88	32	105	
2022/23-6	Lab	LCS dup	5/26/2023	Organic	2,4-Dichlorophenol	n/a	=	16.4	µg/L	EPA 8270C	0.51	1			
2022/23-6	Lab	LCS dup, rec	5/26/2023	Organic	2,4-Dichlorophenol	n/a	=	82	%	EPA 8270C	-88	-88	32	105	
2022/23-6	Lab	LCS, RPD	5/26/2023	Organic	2,4-Dichlorophenol	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	2,4-Dichlorophenol	n/a	=	16.6	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	2,4-Dichlorophenol	n/a	=	83	%	EPA 625.1	-88	-88	53	122	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	2,4-Dichlorophenol	n/a	=	16.5	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	2,4-Dichlorophenol	n/a	=	82	%	EPA 625.1	-88	-88	53	122	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	2,4-Dichlorophenol	n/a	=	0.6	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	2,4-Dichlorophenol	n/a	=	13.9	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	2,4-Dichlorophenol	n/a	=	70	%	EPA 625.1	-88	-88	53	122	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	2,4-Dichlorophenol	n/a	=	16.4	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	2,4-Dichlorophenol	n/a	=	82	%	EPA 625.1	-88	-88	53	122	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	2,4-Dichlorophenol	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	2,4-Dichlorophenol	n/a	=	12.3	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	2,4-Dichlorophenol	n/a	=	62	%	EPA 625.1	-88	-88	53	122	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	2,4-Dichlorophenol	n/a	=	15.3	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	2,4-Dichlorophenol	n/a	=	77	%	EPA 625.1	-88	-88	53	122	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	2,4-Dichlorophenol	n/a	=	21	%	EPA 625.1	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	method blank	6/16/2023	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	method blank	6/21/2023	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2022/23-6	Lab	LCS	6/21/2023	Organic	2,4-Dichlorophenol	n/a	=	14.9	µg/L	EPA 8270C	0.51	1			
2022/23-6	Lab	LCS, rec	6/21/2023	Organic	2,4-Dichlorophenol	n/a	=	75	%	EPA 8270C	-88	-88	32	105	
2022/23-6	Lab	LCS dup	6/21/2023	Organic	2,4-Dichlorophenol	n/a	=	14.9	µg/L	EPA 8270C	0.51	1			
2022/23-6	Lab	LCS dup, rec	6/21/2023	Organic	2,4-Dichlorophenol	n/a	=	75	%	EPA 8270C	-88	-88	32	105	
2022/23-6	Lab	LCS, RPD	6/21/2023	Organic	2,4-Dichlorophenol	n/a	=	0.3	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/22/2023	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2022/23-6	Lab	LCS	6/22/2023	Organic	2,4-Dichlorophenol	n/a	=	12.5	µg/L	EPA 8270C	0.51	1			
2022/23-6	Lab	LCS, rec	6/22/2023	Organic	2,4-Dichlorophenol	n/a	=	62	%	EPA 8270C	-88	-88	32	105	
2022/23-6	Lab	LCS dup	6/22/2023	Organic	2,4-Dichlorophenol	n/a	=	15.8	µg/L	EPA 8270C	0.51	1			
2022/23-6	Lab	LCS dup, rec	6/22/2023	Organic	2,4-Dichlorophenol	n/a	=	79	%	EPA 8270C	-88	-88	32	105	
2022/23-6	Lab	LCS, RPD	6/22/2023	Organic	2,4-Dichlorophenol	n/a	=	24	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/22/2023	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1			
2022/23-6	Lab	LCS	6/22/2023	Organic	2,4-Dichlorophenol	n/a	=	16.9	µg/L	EPA 8270C	0.51	1			
2022/23-6	Lab	LCS, rec	6/22/2023	Organic	2,4-Dichlorophenol	n/a	=	84	%	EPA 8270C	-88	-88	32	105	
2022/23-6	Lab	LCS dup	6/22/2023	Organic	2,4-Dichlorophenol	n/a	=	13.9	µg/L	EPA 8270C	0.51	1			
2022/23-6	Lab	LCS dup, rec	6/22/2023	Organic	2,4-Dichlorophenol	n/a	=	70	%	EPA 8270C	-88	-88	32	105	
2022/23-6	Lab	LCS, RPD	6/22/2023	Organic	2,4-Dichlorophenol	n/a	=	19	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	2,4-Dichlorophenol	n/a	=	15.7	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	2,4-Dichlorophenol	n/a	=	78	%	EPA 625.1	-88	-88	53	122	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	2,4-Dichlorophenol	n/a	=	12.9	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	2,4-Dichlorophenol	n/a	=	65	%	EPA 625.1	-88	-88	53	122	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	2,4-Dichlorophenol	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-6	000NONPJ	srgt matrix spike	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.4	-88	-88			
2022/23-6	000NONPJ	srgt matrix spike, rec	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	srgt matrix spike dup	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.4	-88	-88			
2022/23-6	000NONPJ	srgt matrix spike dup, rec	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	srgt matrix spike	6/7/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.87	µg/L	EPA 515.4	-88	-88			
2022/23-6	000NONPJ	srgt matrix spike, rec	6/7/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	srgt matrix spike dup	6/7/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10	µg/L	EPA 515.4	-88	-88			
2022/23-6	000NONPJ	srgt matrix spike dup, rec	6/7/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	srgt method blank	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.91	µg/L	EPA 515.4	-88	-88			
2022/23-6	Lab	srgt method blank, rec	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	srgt LCS	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.4	-88	-88			
2022/23-6	Lab	srgt LCS, rec	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	srgt method blank	6/7/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.42	µg/L	EPA 515.4	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/7/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	srgt LCS	6/7/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.86	µg/L	EPA 515.4	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/7/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-6	ME-CC	srgt environ	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.4	-88	-88			
2022/23-6	ME-CC	srgt environ, rec	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-6	ME-SCR	srgt environ	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.4	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-6	ME-VR2	srgt environ	6/8/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.72	µg/L	EPA 515.4	-88	-88			
2022/23-6	ME-VR2	srgt environ, rec	6/8/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.4	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	MO-CAM	srgt environ	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11	µg/L	EPA 515.4	-88	-88			
2022/23-6	MO-CAM	srgt environ, rec	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	110	%	EPA 515.4	-88	-88	70	130	
2022/23-6	MO-FIL	srgt environ	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.16	µg/L	EPA 515.4	-88	-88			
2022/23-6	MO-FIL	srgt environ, rec	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	92	%	EPA 515.4	-88	-88	70	130	
2022/23-6	MO-HUE	srgt environ	6/8/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.89	µg/L	EPA 515.4	-88	-88			
2022/23-6	MO-HUE	srgt environ, rec	6/8/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-6	MO-MEI	srgt environ	6/8/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.68	µg/L	EPA 515.4	-88	-88			
2022/23-6	MO-MEI	srgt environ, rec	6/8/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2022/23-6	MO-MPK	srgt environ	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10	µg/L	EPA 515.4	-88	-88			
2022/23-6	MO-MPK	srgt environ, rec	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-6	MO-OJA	srgt environ	6/8/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.7	µg/L	EPA 515.4	-88	-88			
2022/23-6	MO-OJA	srgt environ, rec	6/8/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2022/23-6	MO-SIM	srgt environ	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.97	µg/L	EPA 515.4	-88	-88			
2022/23-6	MO-SIM	srgt environ, rec	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-6	MO-THO	srgt environ	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.83	µg/L	EPA 515.4	-88	-88			
2022/23-6	MO-THO	srgt environ, rec	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2022/23-6	MO-VEN	srgt environ	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.96	µg/L	EPA 515.4	-88	-88			
2022/23-6	MO-VEN	srgt environ, rec	5/27/2023	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	method blank	5/26/2023	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS	5/26/2023	Organic	2,4-Dimethylphenol	n/a	=	15.7	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS, rec	5/26/2023	Organic	2,4-Dimethylphenol	n/a	=	78	%	EPA 8270C	-88	-88	31	97	
2022/23-6	Lab	LCS dup	5/26/2023	Organic	2,4-Dimethylphenol	n/a	=	15.3	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS dup, rec	5/26/2023	Organic	2,4-Dimethylphenol	n/a	=	77	%	EPA 8270C	-88	-88	31	97	
2022/23-6	Lab	LCS, RPD	5/26/2023	Organic	2,4-Dimethylphenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	2,4-Dimethylphenol	n/a	=	14.3	µg/L	EPA 625.1	0.76	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	2,4-Dimethylphenol	n/a	=	72	%	EPA 625.1	-88	-88	42	120	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	2,4-Dimethylphenol	n/a	=	14.4	µg/L	EPA 625.1	0.76	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	2,4-Dimethylphenol	n/a	=	72	%	EPA 625.1	-88	-88	42	120	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	2,4-Dimethylphenol	n/a	=	0.7	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	2,4-Dimethylphenol	n/a	=	12.6	µg/L	EPA 625.1	0.76	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	2,4-Dimethylphenol	n/a	=	63	%	EPA 625.1	-88	-88	42	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	2,4-Dimethylphenol	n/a	=	14.1	µg/L	EPA 625.1	0.76	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	2,4-Dimethylphenol	n/a	=	70	%	EPA 625.1	-88	-88	42	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	2,4-Dimethylphenol	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	2,4-Dimethylphenol	n/a	=	10.4	µg/L	EPA 625.1	0.76	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	2,4-Dimethylphenol	n/a	=	52	%	EPA 625.1	-88	-88	42	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	2,4-Dimethylphenol	n/a	=	13.4	µg/L	EPA 625.1	0.76	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	2,4-Dimethylphenol	n/a	=	67	%	EPA 625.1	-88	-88	42	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	2,4-Dimethylphenol	n/a	=	25	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1			
2022/23-6	Lab	method blank	6/21/2023	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS	6/21/2023	Organic	2,4-Dimethylphenol	n/a	=	15.3	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS, rec	6/21/2023	Organic	2,4-Dimethylphenol	n/a	=	76	%	EPA 8270C	-88	-88	31	97	
2022/23-6	Lab	LCS dup	6/21/2023	Organic	2,4-Dimethylphenol	n/a	=	14.9	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS dup, rec	6/21/2023	Organic	2,4-Dimethylphenol	n/a	=	75	%	EPA 8270C	-88	-88	31	97	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, RPD	6/21/2023	Organic	2,4-Dimethylphenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/22/2023	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS	6/22/2023	Organic	2,4-Dimethylphenol	n/a	=	13.3	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS, rec	6/22/2023	Organic	2,4-Dimethylphenol	n/a	=	67	%	EPA 8270C	-88	-88	31	97	
2022/23-6	Lab	LCS dup	6/22/2023	Organic	2,4-Dimethylphenol	n/a	=	15.4	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS dup, rec	6/22/2023	Organic	2,4-Dimethylphenol	n/a	=	77	%	EPA 8270C	-88	-88	31	97	
2022/23-6	Lab	LCS, RPD	6/22/2023	Organic	2,4-Dimethylphenol	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/22/2023	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS	6/22/2023	Organic	2,4-Dimethylphenol	n/a	=	12.7	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS, rec	6/22/2023	Organic	2,4-Dimethylphenol	n/a	=	64	%	EPA 8270C	-88	-88	31	97	
2022/23-6	Lab	LCS dup	6/22/2023	Organic	2,4-Dimethylphenol	n/a	=	12.2	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS dup, rec	6/22/2023	Organic	2,4-Dimethylphenol	n/a	=	61	%	EPA 8270C	-88	-88	31	97	
2022/23-6	Lab	LCS, RPD	6/22/2023	Organic	2,4-Dimethylphenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	2,4-Dimethylphenol	n/a	=	10.4	µg/L	EPA 625.1	0.76	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	2,4-Dimethylphenol	n/a	=	52	%	EPA 625.1	-88	-88	42	120	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	2,4-Dimethylphenol	n/a	=	10	µg/L	EPA 625.1	0.76	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	2,4-Dimethylphenol	n/a	=	50	%	EPA 625.1	-88	-88	42	120	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	2,4-Dimethylphenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1			
2022/23-6	Lab	method blank	5/26/2023	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS	5/26/2023	Organic	2,4-Dinitrophenol	n/a	=	20.3	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS, rec	5/26/2023	Organic	2,4-Dinitrophenol	n/a	=	102	%	EPA 8270C	-88	-88	7	155	
2022/23-6	Lab	LCS dup	5/26/2023	Organic	2,4-Dinitrophenol	n/a	=	18.5	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS dup, rec	5/26/2023	Organic	2,4-Dinitrophenol	n/a	=	92	%	EPA 8270C	-88	-88	7	155	
2022/23-6	Lab	LCS, RPD	5/26/2023	Organic	2,4-Dinitrophenol	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	2,4-Dinitrophenol	n/a	=	18.7	µg/L	EPA 625.1	4.4	10			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	2,4-Dinitrophenol	n/a	=	94	%	EPA 625.1	-88	-88	0.1	173	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	2,4-Dinitrophenol	n/a	=	16.4	µg/L	EPA 625.1	4.4	10			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	2,4-Dinitrophenol	n/a	=	82	%	EPA 625.1	-88	-88	0.1	173	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	2,4-Dinitrophenol	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	2,4-Dinitrophenol	n/a	<	4.4	µg/L	EPA 625.1	4.4	10			
2022/23-6	Lab	LCS	6/16/2023	Organic	2,4-Dinitrophenol	n/a	=	10.3	µg/L	EPA 625.1	4.4	5			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	2,4-Dinitrophenol	n/a	=	52	%	EPA 625.1	-88	-88	0.1	173	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	2,4-Dinitrophenol	n/a	=	16.2	µg/L	EPA 625.1	4.4	5			IL
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	2,4-Dinitrophenol	n/a	=	81	%	EPA 625.1	-88	-88	0.1	173	IL
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	2,4-Dinitrophenol	n/a	=	44	%	EPA 625.1	-88	-88	0	30	IL
2022/23-6	Lab	method blank	6/16/2023	Organic	2,4-Dinitrophenol	n/a	<	4.4	µg/L	EPA 625.1	4.4	5			
2022/23-6	Lab	LCS	6/16/2023	Organic	2,4-Dinitrophenol	n/a	=	16.1	µg/L	EPA 625.1	4.4	10			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	2,4-Dinitrophenol	n/a	=	81	%	EPA 625.1	-88	-88	0.1	173	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	2,4-Dinitrophenol	n/a	=	15.8	µg/L	EPA 625.1	4.4	10			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	2,4-Dinitrophenol	n/a	=	79	%	EPA 625.1	-88	-88	0.1	173	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	2,4-Dinitrophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	2,4-Dinitrophenol	n/a	<	4.4	µg/L	EPA 625.1	4.4	10			
2022/23-6	Lab	method blank	6/21/2023	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS	6/21/2023	Organic	2,4-Dinitrophenol	n/a	=	15.6	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS, rec	6/21/2023	Organic	2,4-Dinitrophenol	n/a	=	78	%	EPA 8270C	-88	-88	7	155	
2022/23-6	Lab	LCS dup	6/21/2023	Organic	2,4-Dinitrophenol	n/a	=	19.9	µg/L	EPA 8270C	1	2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS dup. rec	6/21/2023	Organic	2,4-Dinitrophenol	n/a	=	99	%	EPA 8270C	-88	-88	7	155	
2022/23-6	Lab	LCS, RPD	6/21/2023	Organic	2,4-Dinitrophenol	n/a	=	24	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/22/2023	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS	6/22/2023	Organic	2,4-Dinitrophenol	n/a	=	14.4	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS, rec	6/22/2023	Organic	2,4-Dinitrophenol	n/a	=	72	%	EPA 8270C	-88	-88	7	155	
2022/23-6	Lab	LCS dup	6/22/2023	Organic	2,4-Dinitrophenol	n/a	=	23.4	µg/L	EPA 8270C	1	2			IL
2022/23-6	Lab	LCS dup. rec	6/22/2023	Organic	2,4-Dinitrophenol	n/a	=	117	%	EPA 8270C	-88	-88	7	155	IL
2022/23-6	Lab	LCS, RPD	6/22/2023	Organic	2,4-Dinitrophenol	n/a	=	48	%	EPA 8270C	-88	-88	0	30	IL
2022/23-6	Lab	method blank	6/22/2023	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS	6/22/2023	Organic	2,4-Dinitrophenol	n/a	=	27.2	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS, rec	6/22/2023	Organic	2,4-Dinitrophenol	n/a	=	136	%	EPA 8270C	-88	-88	7	155	
2022/23-6	Lab	LCS dup	6/22/2023	Organic	2,4-Dinitrophenol	n/a	=	22.6	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS dup. rec	6/22/2023	Organic	2,4-Dinitrophenol	n/a	=	113	%	EPA 8270C	-88	-88	7	155	
2022/23-6	Lab	LCS, RPD	6/22/2023	Organic	2,4-Dinitrophenol	n/a	=	18	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	2,4-Dinitrophenol	n/a	=	18.5	µg/L	EPA 625.1	4.4	10			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	2,4-Dinitrophenol	n/a	=	92	%	EPA 625.1	-88	-88	0.1	173	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	2,4-Dinitrophenol	n/a	=	14.8	µg/L	EPA 625.1	4.4	10			
2022/23-6	Lab	LCS dup. rec	6/23/2023	Organic	2,4-Dinitrophenol	n/a	=	74	%	EPA 625.1	-88	-88	0.1	173	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	2,4-Dinitrophenol	n/a	=	22	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	2,4-Dinitrophenol	n/a	<	4.4	µg/L	EPA 625.1	4.4	10			
2022/23-6	Lab	LCS	6/11/2023	Organic	2,4-Dinitrotoluene	n/a	=	22	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	2,4-Dinitrotoluene	n/a	=	110	%	EPA 625.1	-88	-88	48	127	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	2,4-Dinitrotoluene	n/a	=	20.3	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS dup. rec	6/11/2023	Organic	2,4-Dinitrotoluene	n/a	=	101	%	EPA 625.1	-88	-88	48	127	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	2,4-Dinitrotoluene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	2,4-Dinitrotoluene	n/a	=	15.9	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	2,4-Dinitrotoluene	n/a	=	80	%	EPA 625.1	-88	-88	48	127	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	2,4-Dinitrotoluene	n/a	=	18.3	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS dup. rec	6/16/2023	Organic	2,4-Dinitrotoluene	n/a	=	92	%	EPA 625.1	-88	-88	48	127	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	2,4-Dinitrotoluene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	2,4-Dinitrotoluene	n/a	=	15.5	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	2,4-Dinitrotoluene	n/a	=	77	%	EPA 625.1	-88	-88	48	127	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	2,4-Dinitrotoluene	n/a	=	17.5	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS dup. rec	6/16/2023	Organic	2,4-Dinitrotoluene	n/a	=	87	%	EPA 625.1	-88	-88	48	127	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	2,4-Dinitrotoluene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	2,4-Dinitrotoluene	n/a	=	17.8	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	2,4-Dinitrotoluene	n/a	=	89	%	EPA 625.1	-88	-88	48	127	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	2,4-Dinitrotoluene	n/a	=	15.3	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS dup. rec	6/23/2023	Organic	2,4-Dinitrotoluene	n/a	=	76	%	EPA 625.1	-88	-88	48	127	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	2,4-Dinitrotoluene	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS	6/11/2023	Organic	2,6-Dinitrotoluene	n/a	=	18.4	µg/L	EPA 625.1	0.27	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	2,6-Dinitrotoluene	n/a	=	92	%	EPA 625.1	-88	-88	68	137	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	2,6-Dinitrotoluene	n/a	=	17.2	µg/L	EPA 625.1	0.27	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS dup. rec	6/11/2023	Organic	2,6-Dinitrotoluene	n/a	=	86	%	EPA 625.1	-88	-88	68	137	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	2,6-Dinitrotoluene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	2,6-Dinitrotoluene	n/a	=	13.4	µg/L	EPA 625.1	0.27	1			EUM
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	2,6-Dinitrotoluene	n/a	=	67	%	EPA 625.1	-88	-88	68	137	EUM
2022/23-6	Lab	LCS dup	6/16/2023	Organic	2,6-Dinitrotoluene	n/a	=	15	µg/L	EPA 625.1	0.27	1			
2022/23-6	Lab	LCS dup. rec	6/16/2023	Organic	2,6-Dinitrotoluene	n/a	=	75	%	EPA 625.1	-88	-88	68	137	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	2,6-Dinitrotoluene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	2,6-Dinitrotoluene	n/a	=	12.8	µg/L	EPA 625.1	0.27	1			EUM
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	2,6-Dinitrotoluene	n/a	=	64	%	EPA 625.1	-88	-88	68	137	EUM
2022/23-6	Lab	LCS dup	6/16/2023	Organic	2,6-Dinitrotoluene	n/a	=	14.3	µg/L	EPA 625.1	0.27	1			
2022/23-6	Lab	LCS dup. rec	6/16/2023	Organic	2,6-Dinitrotoluene	n/a	=	71	%	EPA 625.1	-88	-88	68	137	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	2,6-Dinitrotoluene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	2,6-Dinitrotoluene	n/a	=	16.2	µg/L	EPA 625.1	0.27	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	2,6-Dinitrotoluene	n/a	=	81	%	EPA 625.1	-88	-88	68	137	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	2,6-Dinitrotoluene	n/a	=	12.4	µg/L	EPA 625.1	0.27	1			EUM
2022/23-6	Lab	LCS dup. rec	6/23/2023	Organic	2,6-Dinitrotoluene	n/a	=	62	%	EPA 625.1	-88	-88	68	137	EUM
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	2,6-Dinitrotoluene	n/a	=	26	%	EPA 625.1	-88	-88	0	30	EUM
2022/23-6	Lab	method blank	6/23/2023	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-6	Lab	LCS	6/11/2023	Organic	2-Chloronaphthalene	n/a	=	17.1	µg/L	EPA 625.1	0.45	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	2-Chloronaphthalene	n/a	=	86	%	EPA 625.1	-88	-88	65	120	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	2-Chloronaphthalene	n/a	=	16.4	µg/L	EPA 625.1	0.45	1			
2022/23-6	Lab	LCS dup. rec	6/11/2023	Organic	2-Chloronaphthalene	n/a	=	82	%	EPA 625.1	-88	-88	65	120	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	2-Chloronaphthalene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	2-Chloronaphthalene	n/a	=	13.2	µg/L	EPA 625.1	0.45	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	2-Chloronaphthalene	n/a	=	66	%	EPA 625.1	-88	-88	65	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	2-Chloronaphthalene	n/a	=	14.4	µg/L	EPA 625.1	0.45	1			
2022/23-6	Lab	LCS dup. rec	6/16/2023	Organic	2-Chloronaphthalene	n/a	=	72	%	EPA 625.1	-88	-88	65	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	2-Chloronaphthalene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	2-Chloronaphthalene	n/a	=	12.1	µg/L	EPA 625.1	0.45	1			EUM
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	2-Chloronaphthalene	n/a	=	60	%	EPA 625.1	-88	-88	65	120	EUM
2022/23-6	Lab	LCS dup	6/16/2023	Organic	2-Chloronaphthalene	n/a	=	14	µg/L	EPA 625.1	0.45	1			
2022/23-6	Lab	LCS dup. rec	6/16/2023	Organic	2-Chloronaphthalene	n/a	=	70	%	EPA 625.1	-88	-88	65	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	2-Chloronaphthalene	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	2-Chloronaphthalene	n/a	=	15.3	µg/L	EPA 625.1	0.45	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	2-Chloronaphthalene	n/a	=	77	%	EPA 625.1	-88	-88	65	120	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	2-Chloronaphthalene	n/a	=	12.5	µg/L	EPA 625.1	0.45	1			EUM
2022/23-6	Lab	LCS dup. rec	6/23/2023	Organic	2-Chloronaphthalene	n/a	=	63	%	EPA 625.1	-88	-88	65	120	EUM
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	2-Chloronaphthalene	n/a	=	20	%	EPA 625.1	-88	-88	0	30	EUM
2022/23-6	Lab	method blank	6/23/2023	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2022/23-6	Lab	method blank	5/26/2023	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2022/23-6	Lab	LCS	5/26/2023	Organic	2-Chlorophenol	n/a	=	13.7	µg/L	EPA 8270C	0.65	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, rec	5/26/2023	Organic	2-Chlorophenol	n/a	=	68	%	EPA 8270C	-88	-88	27	90	
2022/23-6	Lab	LCS dup	5/26/2023	Organic	2-Chlorophenol	n/a	=	13.4	µg/L	EPA 8270C	0.65	1			
2022/23-6	Lab	LCS dup, rec	5/26/2023	Organic	2-Chlorophenol	n/a	=	67	%	EPA 8270C	-88	-88	27	90	
2022/23-6	Lab	LCS, RPD	5/26/2023	Organic	2-Chlorophenol	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	2-Chlorophenol	n/a	=	13.1	µg/L	EPA 625.1	0.28	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	2-Chlorophenol	n/a	=	65	%	EPA 625.1	-88	-88	36	120	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	2-Chlorophenol	n/a	=	13.3	µg/L	EPA 625.1	0.28	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	2-Chlorophenol	n/a	=	66	%	EPA 625.1	-88	-88	36	120	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	2-Chlorophenol	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	2-Chlorophenol	n/a	=	12.2	µg/L	EPA 625.1	0.28	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	2-Chlorophenol	n/a	=	61	%	EPA 625.1	-88	-88	36	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	2-Chlorophenol	n/a	=	14.2	µg/L	EPA 625.1	0.28	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	2-Chlorophenol	n/a	=	71	%	EPA 625.1	-88	-88	36	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	2-Chlorophenol	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	2-Chlorophenol	n/a	=	9.51	µg/L	EPA 625.1	0.28	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	2-Chlorophenol	n/a	=	48	%	EPA 625.1	-88	-88	36	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	2-Chlorophenol	n/a	=	12.2	µg/L	EPA 625.1	0.28	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	2-Chlorophenol	n/a	=	61	%	EPA 625.1	-88	-88	36	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	2-Chlorophenol	n/a	=	24	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2022/23-6	Lab	method blank	6/21/2023	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2022/23-6	Lab	LCS	6/21/2023	Organic	2-Chlorophenol	n/a	=	13.4	µg/L	EPA 8270C	0.65	1			
2022/23-6	Lab	LCS, rec	6/21/2023	Organic	2-Chlorophenol	n/a	=	67	%	EPA 8270C	-88	-88	27	90	
2022/23-6	Lab	LCS dup	6/21/2023	Organic	2-Chlorophenol	n/a	=	13.3	µg/L	EPA 8270C	0.65	1			
2022/23-6	Lab	LCS dup, rec	6/21/2023	Organic	2-Chlorophenol	n/a	=	67	%	EPA 8270C	-88	-88	27	90	
2022/23-6	Lab	LCS, RPD	6/21/2023	Organic	2-Chlorophenol	n/a	=	0.7	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/22/2023	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2022/23-6	Lab	LCS	6/22/2023	Organic	2-Chlorophenol	n/a	=	11.5	µg/L	EPA 8270C	0.65	1			
2022/23-6	Lab	LCS, rec	6/22/2023	Organic	2-Chlorophenol	n/a	=	58	%	EPA 8270C	-88	-88	27	90	
2022/23-6	Lab	LCS dup	6/22/2023	Organic	2-Chlorophenol	n/a	=	14.1	µg/L	EPA 8270C	0.65	1			
2022/23-6	Lab	LCS dup, rec	6/22/2023	Organic	2-Chlorophenol	n/a	=	71	%	EPA 8270C	-88	-88	27	90	
2022/23-6	Lab	LCS, RPD	6/22/2023	Organic	2-Chlorophenol	n/a	=	20	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/22/2023	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1			
2022/23-6	Lab	LCS	6/22/2023	Organic	2-Chlorophenol	n/a	=	14.3	µg/L	EPA 8270C	0.65	1			
2022/23-6	Lab	LCS, rec	6/22/2023	Organic	2-Chlorophenol	n/a	=	71	%	EPA 8270C	-88	-88	27	90	
2022/23-6	Lab	LCS dup	6/22/2023	Organic	2-Chlorophenol	n/a	=	11.8	µg/L	EPA 8270C	0.65	1			
2022/23-6	Lab	LCS dup, rec	6/22/2023	Organic	2-Chlorophenol	n/a	=	59	%	EPA 8270C	-88	-88	27	90	
2022/23-6	Lab	LCS, RPD	6/22/2023	Organic	2-Chlorophenol	n/a	=	19	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	2-Chlorophenol	n/a	=	13.3	µg/L	EPA 625.1	0.28	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	2-Chlorophenol	n/a	=	66	%	EPA 625.1	-88	-88	36	120	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	2-Chlorophenol	n/a	=	11.2	µg/L	EPA 625.1	0.28	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	2-Chlorophenol	n/a	=	56	%	EPA 625.1	-88	-88	36	120	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	2-Chlorophenol	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2022/23-6	Lab	srgt method blank	6/8/2023	Organic	2-Fluorobiphenyl	n/a	=	13.9	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	srgt method blank, rec	6/8/2023	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270C	-88	-88	51	139	
2022/23-6	Lab	srgt LCS	6/8/2023	Organic	2-Fluorobiphenyl	n/a	=	4.21	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/8/2023	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 8270C	-88	-88	51	139	
2022/23-6	Lab	srgt LCS dup	6/8/2023	Organic	2-Fluorobiphenyl	n/a	=	4.49	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/8/2023	Organic	2-Fluorobiphenyl	n/a	=	90	%	EPA 8270C	-88	-88	51	139	
2022/23-6	Lab	srgt LCS	6/11/2023	Organic	2-Fluorobiphenyl	n/a	=	16.7	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/11/2023	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 625.1	-88	-88	22	120	
2022/23-6	Lab	srgt LCS dup	6/11/2023	Organic	2-Fluorobiphenyl	n/a	=	16.5	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/11/2023	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 625.1	-88	-88	22	120	
2022/23-6	Lab	srgt method blank	6/11/2023	Organic	2-Fluorobiphenyl	n/a	=	11.3	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/11/2023	Organic	2-Fluorobiphenyl	n/a	=	57	%	EPA 625.1	-88	-88	22	120	
2022/23-6	Lab	srgt LCS	6/14/2023	Organic	2-Fluorobiphenyl	n/a	=	16.5	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/14/2023	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625.1	-88	-88	22	120	
2022/23-6	Lab	srgt LCS dup	6/14/2023	Organic	2-Fluorobiphenyl	n/a	=	16.4	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/14/2023	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 625.1	-88	-88	22	120	
2022/23-6	Lab	srgt method blank	6/14/2023	Organic	2-Fluorobiphenyl	n/a	=	11.4	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/14/2023	Organic	2-Fluorobiphenyl	n/a	=	57	%	EPA 625.1	-88	-88	22	120	
2022/23-6	Lab	srgt LCS	6/16/2023	Organic	2-Fluorobiphenyl	n/a	=	13.7	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/16/2023	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625.1	-88	-88	22	120	
2022/23-6	Lab	srgt LCS dup	6/16/2023	Organic	2-Fluorobiphenyl	n/a	=	14.8	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/16/2023	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625.1	-88	-88	22	120	
2022/23-6	Lab	srgt method blank	6/16/2023	Organic	2-Fluorobiphenyl	n/a	=	12.7	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/16/2023	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625.1	-88	-88	22	120	
2022/23-6	Lab	srgt LCS	6/16/2023	Organic	2-Fluorobiphenyl	n/a	=	12.5	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/16/2023	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 625.1	-88	-88	22	120	
2022/23-6	Lab	srgt LCS dup	6/16/2023	Organic	2-Fluorobiphenyl	n/a	=	14.6	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/16/2023	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625.1	-88	-88	22	120	
2022/23-6	Lab	srgt method blank	6/16/2023	Organic	2-Fluorobiphenyl	n/a	=	15.5	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/16/2023	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 625.1	-88	-88	22	120	
2022/23-6	Lab	srgt method blank	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	12	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 8270C	-88	-88	51	139	
2022/23-6	Lab	srgt LCS	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	2.39	µg/L	EPA 8270C	-88	-88			GN
2022/23-6	Lab	srgt LCS, rec	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	48	%	EPA 8270C	-88	-88	51	139	GN
2022/23-6	Lab	srgt LCS dup	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	2.87	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	57	%	EPA 8270C	-88	-88	51	139	
2022/23-6	Lab	srgt method blank	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	14.3	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 8270C	-88	-88	51	139	
2022/23-6	Lab	srgt LCS	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	4.16	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 8270C	-88	-88	51	139	
2022/23-6	Lab	srgt LCS dup	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	2.95	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 8270C	-88	-88	51	139	
2022/23-6	Lab	srgt method blank	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	11.9	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 8270C	-88	-88	51	139	
2022/23-6	Lab	srgt LCS	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	14.5	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 8270C	-88	-88	51	139	
2022/23-6	Lab	srgt LCS dup	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	12.3	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 8270C	-88	-88	51	139	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	srgt LCS	6/23/2023	Organic	2-Fluorobiphenyl	n/a	=	15.1	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/23/2023	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 625.1	-88	-88	22	120	
2022/23-6	Lab	srgt LCS dup	6/23/2023	Organic	2-Fluorobiphenyl	n/a	=	12.6	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/23/2023	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 625.1	-88	-88	22	120	
2022/23-6	Lab	srgt method blank	6/23/2023	Organic	2-Fluorobiphenyl	n/a	=	11.6	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/23/2023	Organic	2-Fluorobiphenyl	n/a	=	58	%	EPA 625.1	-88	-88	22	120	
2022/23-6	ME-CC	srgt environ	6/8/2023	Organic	2-Fluorobiphenyl	n/a	=	0.1	µg/L	EPA 8270C	-88	-88			GN
2022/23-6	ME-CC	srgt environ, rec	6/8/2023	Organic	2-Fluorobiphenyl	n/a	=	0.5	%	EPA 8270C	-88	-88	51	139	GN
2022/23-6	ME-CC	srgt environ	6/12/2023	Organic	2-Fluorobiphenyl	n/a	=	0.137	µg/L	EPA 625.1	-88	-88			GN
2022/23-6	ME-CC	srgt environ, rec	6/12/2023	Organic	2-Fluorobiphenyl	n/a	=	0.7	%	EPA 625.1	-88	-88	22	120	GN
2022/23-6	ME-SCR	srgt environ	6/17/2023	Organic	2-Fluorobiphenyl	n/a	=	14.4	µg/L	EPA 625.1	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	6/17/2023	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625.1	-88	-88	22	120	
2022/23-6	ME-SCR	srgt environ	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	6.02	µg/L	EPA 8270C	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 8270C	-88	-88	51	139	
2022/23-6	ME-VR2	srgt environ	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	11.5	µg/L	EPA 8270C	-88	-88			
2022/23-6	ME-VR2	srgt environ, rec	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 8270C	-88	-88	51	139	
2022/23-6	ME-VR2	srgt environ	6/23/2023	Organic	2-Fluorobiphenyl	n/a	=	11.6	µg/L	EPA 625.1	-88	-88			
2022/23-6	ME-VR2	srgt environ, rec	6/23/2023	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 625.1	-88	-88	22	120	
2022/23-6	MO-CAM	srgt environ	6/8/2023	Organic	2-Fluorobiphenyl	n/a	=	19.7	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-CAM	srgt environ, rec	6/8/2023	Organic	2-Fluorobiphenyl	n/a	=	102	%	EPA 8270C	-88	-88	51	139	
2022/23-6	MO-CAM	srgt environ	6/12/2023	Organic	2-Fluorobiphenyl	n/a	=	16	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-CAM	srgt environ, rec	6/12/2023	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625.1	-88	-88	22	120	
2022/23-6	MO-FIL	srgt environ	6/17/2023	Organic	2-Fluorobiphenyl	n/a	=	11.2	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-FIL	srgt environ, rec	6/17/2023	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 625.1	-88	-88	22	120	
2022/23-6	MO-FIL	srgt environ	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	2.36	µg/L	EPA 8270C	-88	-88			GN
2022/23-6	MO-FIL	srgt environ, rec	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	50	%	EPA 8270C	-88	-88	51	139	GN
2022/23-6	MO-HUE	srgt environ	6/16/2023	Organic	2-Fluorobiphenyl	n/a	=	13.8	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-HUE	srgt environ, rec	6/16/2023	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625.1	-88	-88	22	120	
2022/23-6	MO-HUE	srgt environ	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	13.4	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-HUE	srgt environ, rec	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 8270C	-88	-88	51	139	
2022/23-6	MO-MEI	srgt environ	6/16/2023	Organic	2-Fluorobiphenyl	n/a	=	11.4	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-MEI	srgt environ, rec	6/16/2023	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 625.1	-88	-88	22	120	
2022/23-6	MO-MEI	srgt environ	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	10.7	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-MEI	srgt environ, rec	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	56	%	EPA 8270C	-88	-88	51	139	
2022/23-6	MO-MPK	srgt environ	6/8/2023	Organic	2-Fluorobiphenyl	n/a	=	15.2	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-MPK	srgt environ, rec	6/8/2023	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 8270C	-88	-88	51	139	
2022/23-6	MO-MPK	srgt environ	6/12/2023	Organic	2-Fluorobiphenyl	n/a	=	12.2	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-MPK	srgt environ, rec	6/12/2023	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625.1	-88	-88	22	120	
2022/23-6	MO-OJA	srgt environ	6/16/2023	Organic	2-Fluorobiphenyl	n/a	=	11.8	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-OJA	srgt environ, rec	6/16/2023	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 625.1	-88	-88	22	120	
2022/23-6	MO-OJA	srgt environ	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	11	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-OJA	srgt environ, rec	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	58	%	EPA 8270C	-88	-88	51	139	
2022/23-6	MO-SIM	srgt environ	6/8/2023	Organic	2-Fluorobiphenyl	n/a	=	12.8	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-SIM	srgt environ, rec	6/8/2023	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270C	-88	-88	51	139	
2022/23-6	MO-SIM	srgt environ	6/12/2023	Organic	2-Fluorobiphenyl	n/a	=	11	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-SIM	srgt environ, rec	6/12/2023	Organic	2-Fluorobiphenyl	n/a	=	58	%	EPA 625.1	-88	-88	22	120	
2022/23-6	MO-THO	srgt environ	6/8/2023	Organic	2-Fluorobiphenyl	n/a	=	11.6	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	MO-THO	srgt environ, rec	6/8/2023	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 8270C	-88	-88	51	139	
2022/23-6	MO-THO	srgt environ	6/12/2023	Organic	2-Fluorobiphenyl	n/a	=	9.94	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-THO	srgt environ, rec	6/12/2023	Organic	2-Fluorobiphenyl	n/a	=	53	%	EPA 625.1	-88	-88	22	120	
2022/23-6	MO-VEN	srgt environ	6/17/2023	Organic	2-Fluorobiphenyl	n/a	=	10.1	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-VEN	srgt environ, rec	6/17/2023	Organic	2-Fluorobiphenyl	n/a	=	53	%	EPA 625.1	-88	-88	22	120	
2022/23-6	MO-VEN	srgt environ	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	3.21	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-VEN	srgt environ, rec	6/20/2023	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 8270C	-88	-88	51	139	
2022/23-6	Lab	srgt method blank	5/26/2023	Organic	2-Fluorophenol	n/a	=	14.9	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt method blank, rec	5/26/2023	Organic	2-Fluorophenol	n/a	=	37	%	EPA 8270C	-88	-88	11	62	
2022/23-6	Lab	srgt LCS	5/26/2023	Organic	2-Fluorophenol	n/a	=	17	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS, rec	5/26/2023	Organic	2-Fluorophenol	n/a	=	43	%	EPA 8270C	-88	-88	11	62	
2022/23-6	Lab	srgt LCS dup	5/26/2023	Organic	2-Fluorophenol	n/a	=	16.4	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	5/26/2023	Organic	2-Fluorophenol	n/a	=	41	%	EPA 8270C	-88	-88	11	62	
2022/23-6	Lab	srgt LCS	6/11/2023	Organic	2-Fluorophenol	n/a	=	17.1	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/11/2023	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625.1	-88	-88	17	120	
2022/23-6	Lab	srgt LCS dup	6/11/2023	Organic	2-Fluorophenol	n/a	=	16.6	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/11/2023	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625.1	-88	-88	17	120	
2022/23-6	Lab	srgt method blank	6/11/2023	Organic	2-Fluorophenol	n/a	=	14.7	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/11/2023	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625.1	-88	-88	17	120	
2022/23-6	Lab	srgt LCS	6/14/2023	Organic	2-Fluorophenol	n/a	=	17.2	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/14/2023	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625.1	-88	-88	17	120	
2022/23-6	Lab	srgt LCS dup	6/14/2023	Organic	2-Fluorophenol	n/a	=	17.1	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/14/2023	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625.1	-88	-88	17	120	
2022/23-6	Lab	srgt method blank	6/14/2023	Organic	2-Fluorophenol	n/a	=	14.6	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/14/2023	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625.1	-88	-88	17	120	
2022/23-6	Lab	srgt LCS	6/16/2023	Organic	2-Fluorophenol	n/a	=	14.7	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/16/2023	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625.1	-88	-88	17	120	
2022/23-6	Lab	srgt LCS dup	6/16/2023	Organic	2-Fluorophenol	n/a	=	17.4	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/16/2023	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625.1	-88	-88	17	120	
2022/23-6	Lab	srgt method blank	6/16/2023	Organic	2-Fluorophenol	n/a	=	13.9	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/16/2023	Organic	2-Fluorophenol	n/a	=	35	%	EPA 625.1	-88	-88	17	120	
2022/23-6	Lab	srgt LCS	6/16/2023	Organic	2-Fluorophenol	n/a	=	11.6	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/16/2023	Organic	2-Fluorophenol	n/a	=	29	%	EPA 625.1	-88	-88	17	120	
2022/23-6	Lab	srgt LCS dup	6/16/2023	Organic	2-Fluorophenol	n/a	=	14	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/16/2023	Organic	2-Fluorophenol	n/a	=	35	%	EPA 625.1	-88	-88	17	120	
2022/23-6	Lab	srgt method blank	6/16/2023	Organic	2-Fluorophenol	n/a	=	18.2	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/16/2023	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625.1	-88	-88	17	120	
2022/23-6	Lab	srgt method blank	6/21/2023	Organic	2-Fluorophenol	n/a	=	20.1	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/21/2023	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270C	-88	-88	11	62	
2022/23-6	Lab	srgt LCS	6/21/2023	Organic	2-Fluorophenol	n/a	=	17.5	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/21/2023	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2022/23-6	Lab	srgt LCS dup	6/21/2023	Organic	2-Fluorophenol	n/a	=	17.7	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/21/2023	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2022/23-6	Lab	srgt method blank	6/22/2023	Organic	2-Fluorophenol	n/a	=	15	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/22/2023	Organic	2-Fluorophenol	n/a	=	37	%	EPA 8270C	-88	-88	11	62	
2022/23-6	Lab	srgt LCS	6/22/2023	Organic	2-Fluorophenol	n/a	=	15.7	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/22/2023	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270C	-88	-88	11	62	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	srgt LCS dup	6/22/2023	Organic	2-Fluorophenol	n/a	=	18.8	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/22/2023	Organic	2-Fluorophenol	n/a	=	47	%	EPA 8270C	-88	-88	11	62	
2022/23-6	Lab	srgt method blank	6/22/2023	Organic	2-Fluorophenol	n/a	=	14	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/22/2023	Organic	2-Fluorophenol	n/a	=	35	%	EPA 8270C	-88	-88	11	62	
2022/23-6	Lab	srgt LCS	6/22/2023	Organic	2-Fluorophenol	n/a	=	18.7	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/22/2023	Organic	2-Fluorophenol	n/a	=	47	%	EPA 8270C	-88	-88	11	62	
2022/23-6	Lab	srgt LCS dup	6/22/2023	Organic	2-Fluorophenol	n/a	=	15.5	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/22/2023	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270C	-88	-88	11	62	
2022/23-6	Lab	srgt LCS	6/23/2023	Organic	2-Fluorophenol	n/a	=	17.1	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/23/2023	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625.1	-88	-88	17	120	
2022/23-6	Lab	srgt LCS dup	6/23/2023	Organic	2-Fluorophenol	n/a	=	14.5	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/23/2023	Organic	2-Fluorophenol	n/a	=	36	%	EPA 625.1	-88	-88	17	120	
2022/23-6	Lab	srgt method blank	6/23/2023	Organic	2-Fluorophenol	n/a	=	12.5	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/23/2023	Organic	2-Fluorophenol	n/a	=	31	%	EPA 625.1	-88	-88	17	120	
2022/23-6	ME-CC	srgt environ	5/26/2023	Organic	2-Fluorophenol	n/a	=	0.459	µg/L	EPA 8270C	-88	-88			GN
2022/23-6	ME-CC	srgt environ, rec	5/26/2023	Organic	2-Fluorophenol	n/a	=	1	%	EPA 8270C	-88	-88	11	62	GN
2022/23-6	ME-CC	srgt environ	6/12/2023	Organic	2-Fluorophenol	n/a	=	0.154	µg/L	EPA 625.1	-88	-88			GN
2022/23-6	ME-CC	srgt environ, rec	6/12/2023	Organic	2-Fluorophenol	n/a	=	0.4	%	EPA 625.1	-88	-88	17	120	GN
2022/23-6	ME-SCR	srgt environ	6/17/2023	Organic	2-Fluorophenol	n/a	=	15.8	µg/L	EPA 625.1	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	6/17/2023	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625.1	-88	-88	17	120	
2022/23-6	ME-SCR	srgt environ	6/21/2023	Organic	2-Fluorophenol	n/a	=	6.34	µg/L	EPA 8270C	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	6/21/2023	Organic	2-Fluorophenol	n/a	=	33	%	EPA 8270C	-88	-88	11	62	
2022/23-6	ME-VR2	srgt environ	6/22/2023	Organic	2-Fluorophenol	n/a	=	12.9	µg/L	EPA 8270C	-88	-88			
2022/23-6	ME-VR2	srgt environ, rec	6/22/2023	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270C	-88	-88	11	62	
2022/23-6	ME-VR2	srgt environ	6/23/2023	Organic	2-Fluorophenol	n/a	=	12.2	µg/L	EPA 625.1	-88	-88			
2022/23-6	ME-VR2	srgt environ, rec	6/23/2023	Organic	2-Fluorophenol	n/a	=	32	%	EPA 625.1	-88	-88	17	120	
2022/23-6	MO-CAM	srgt environ	5/26/2023	Organic	2-Fluorophenol	n/a	=	17.9	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-CAM	srgt environ, rec	5/26/2023	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270C	-88	-88	11	62	
2022/23-6	MO-CAM	srgt environ	6/12/2023	Organic	2-Fluorophenol	n/a	=	18.1	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-CAM	srgt environ, rec	6/12/2023	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2022/23-6	MO-FIL	srgt environ	6/17/2023	Organic	2-Fluorophenol	n/a	=	11.4	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-FIL	srgt environ, rec	6/17/2023	Organic	2-Fluorophenol	n/a	=	30	%	EPA 625.1	-88	-88	17	120	
2022/23-6	MO-FIL	srgt environ	6/22/2023	Organic	2-Fluorophenol	n/a	=	2.98	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-FIL	srgt environ, rec	6/22/2023	Organic	2-Fluorophenol	n/a	=	31	%	EPA 8270C	-88	-88	11	62	
2022/23-6	MO-HUE	srgt environ	6/16/2023	Organic	2-Fluorophenol	n/a	=	24.7	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-HUE	srgt environ, rec	6/16/2023	Organic	2-Fluorophenol	n/a	=	65	%	EPA 625.1	-88	-88	17	120	
2022/23-6	MO-HUE	srgt environ	6/22/2023	Organic	2-Fluorophenol	n/a	=	27.2	µg/L	EPA 8270C	-88	-88			GN
2022/23-6	MO-HUE	srgt environ, rec	6/22/2023	Organic	2-Fluorophenol	n/a	=	72	%	EPA 8270C	-88	-88	11	62	GN
2022/23-6	MO-MEI	srgt environ	6/16/2023	Organic	2-Fluorophenol	n/a	=	15.4	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-MEI	srgt environ, rec	6/16/2023	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625.1	-88	-88	17	120	
2022/23-6	MO-MEI	srgt environ	6/22/2023	Organic	2-Fluorophenol	n/a	=	16.8	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-MEI	srgt environ, rec	6/22/2023	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270C	-88	-88	11	62	
2022/23-6	MO-MPK	srgt environ	5/26/2023	Organic	2-Fluorophenol	n/a	=	14.8	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-MPK	srgt environ, rec	5/26/2023	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270C	-88	-88	11	62	
2022/23-6	MO-MPK	srgt environ	6/12/2023	Organic	2-Fluorophenol	n/a	=	13.9	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-MPK	srgt environ, rec	6/12/2023	Organic	2-Fluorophenol	n/a	=	36	%	EPA 625.1	-88	-88	17	120	
2022/23-6	MO-OJA	srgt environ	6/16/2023	Organic	2-Fluorophenol	n/a	=	17.2	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	
2022/23-6	MO-OJA	srgt environ, rec	6/16/2023	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625.1	-88	-88	17	120	
2022/23-6	MO-OJA	srgt environ	6/22/2023	Organic	2-Fluorophenol	n/a	=	17.9	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-OJA	srgt environ, rec	6/22/2023	Organic	2-Fluorophenol	n/a	=	48	%	EPA 8270C	-88	-88	11	62	
2022/23-6	MO-SIM	srgt environ	5/26/2023	Organic	2-Fluorophenol	n/a	=	12.3	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-SIM	srgt environ, rec	5/26/2023	Organic	2-Fluorophenol	n/a	=	33	%	EPA 8270C	-88	-88	11	62	
2022/23-6	MO-SIM	srgt environ	6/12/2023	Organic	2-Fluorophenol	n/a	=	12.4	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-SIM	srgt environ, rec	6/12/2023	Organic	2-Fluorophenol	n/a	=	33	%	EPA 625.1	-88	-88	17	120	
2022/23-6	MO-THO	srgt environ	5/26/2023	Organic	2-Fluorophenol	n/a	=	11	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-THO	srgt environ, rec	5/26/2023	Organic	2-Fluorophenol	n/a	=	29	%	EPA 8270C	-88	-88	11	62	
2022/23-6	MO-THO	srgt environ	6/12/2023	Organic	2-Fluorophenol	n/a	=	10.6	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-THO	srgt environ, rec	6/12/2023	Organic	2-Fluorophenol	n/a	=	28	%	EPA 625.1	-88	-88	17	120	
2022/23-6	MO-VEN	srgt environ	6/17/2023	Organic	2-Fluorophenol	n/a	=	10.3	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-VEN	srgt environ, rec	6/17/2023	Organic	2-Fluorophenol	n/a	=	27	%	EPA 625.1	-88	-88	17	120	
2022/23-6	MO-VEN	srgt environ	6/21/2023	Organic	2-Fluorophenol	n/a	=	3.66	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-VEN	srgt environ, rec	6/21/2023	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270C	-88	-88	11	62	
2022/23-6	Lab	method blank	6/8/2023	Organic	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-6	Lab	method blank	6/20/2023	Organic	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-6	Lab	method blank	6/20/2023	Organic	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	2-Methylnaphthalene	n/a	=	0.791	µg/L	EPA 8270C	0.026	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	2-Methylnaphthalene	n/a	=	79	%	EPA 8270C	-88	-88	50	150	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	2-Methylnaphthalene	n/a	=	0.549	µg/L	EPA 8270C	0.026	0.1			IL
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	2-Methylnaphthalene	n/a	=	55	%	EPA 8270C	-88	-88	50	150	IL
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	2-Methylnaphthalene	n/a	=	36	%	EPA 8270C	-88	-88	0	30	IL
2022/23-6	Lab	method blank	6/20/2023	Organic	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-6	Lab	method blank	5/26/2023	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2022/23-6	Lab	method blank	6/21/2023	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2022/23-6	Lab	method blank	6/22/2023	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2022/23-6	Lab	method blank	6/22/2023	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1			
2022/23-6	Lab	method blank	5/26/2023	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2022/23-6	Lab	LCS	5/26/2023	Organic	2-Nitrophenol	n/a	=	16.1	µg/L	EPA 8270C	0.71	1			
2022/23-6	Lab	LCS, rec	5/26/2023	Organic	2-Nitrophenol	n/a	=	80	%	EPA 8270C	-88	-88	33	103	
2022/23-6	Lab	LCS dup	5/26/2023	Organic	2-Nitrophenol	n/a	=	15.7	µg/L	EPA 8270C	0.71	1			
2022/23-6	Lab	LCS dup, rec	5/26/2023	Organic	2-Nitrophenol	n/a	=	78	%	EPA 8270C	-88	-88	33	103	
2022/23-6	Lab	LCS, RPD	5/26/2023	Organic	2-Nitrophenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	2-Nitrophenol	n/a	=	14.8	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	2-Nitrophenol	n/a	=	74	%	EPA 625.1	-88	-88	45	167	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	2-Nitrophenol	n/a	=	14.9	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	2-Nitrophenol	n/a	=	75	%	EPA 625.1	-88	-88	45	167	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	2-Nitrophenol	n/a	=	0.7	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	2-Nitrophenol	n/a	=	13.1	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	2-Nitrophenol	n/a	=	65	%	EPA 625.1	-88	-88	45	167	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	2-Nitrophenol	n/a	=	15.8	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	2-Nitrophenol	n/a	=	79	%	EPA 625.1	-88	-88	45	167	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	2-Nitrophenol	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	2-Nitrophenol	n/a	=	11.4	µg/L	EPA 625.1	0.26	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	2-Nitrophenol	n/a	=	57	%	EPA 625.1	-88	-88	45	167	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	2-Nitrophenol	n/a	=	14.6	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	2-Nitrophenol	n/a	=	73	%	EPA 625.1	-88	-88	45	167	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	2-Nitrophenol	n/a	=	24	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	method blank	6/21/2023	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2022/23-6	Lab	LCS	6/21/2023	Organic	2-Nitrophenol	n/a	=	14.8	µg/L	EPA 8270C	0.71	1			
2022/23-6	Lab	LCS, rec	6/21/2023	Organic	2-Nitrophenol	n/a	=	74	%	EPA 8270C	-88	-88	33	103	
2022/23-6	Lab	LCS dup	6/21/2023	Organic	2-Nitrophenol	n/a	=	15.3	µg/L	EPA 8270C	0.71	1			
2022/23-6	Lab	LCS dup, rec	6/21/2023	Organic	2-Nitrophenol	n/a	=	77	%	EPA 8270C	-88	-88	33	103	
2022/23-6	Lab	LCS, RPD	6/21/2023	Organic	2-Nitrophenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/22/2023	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2022/23-6	Lab	LCS	6/22/2023	Organic	2-Nitrophenol	n/a	=	13	µg/L	EPA 8270C	0.71	1			
2022/23-6	Lab	LCS, rec	6/22/2023	Organic	2-Nitrophenol	n/a	=	65	%	EPA 8270C	-88	-88	33	103	
2022/23-6	Lab	LCS dup	6/22/2023	Organic	2-Nitrophenol	n/a	=	16.9	µg/L	EPA 8270C	0.71	1			
2022/23-6	Lab	LCS dup, rec	6/22/2023	Organic	2-Nitrophenol	n/a	=	84	%	EPA 8270C	-88	-88	33	103	
2022/23-6	Lab	LCS, RPD	6/22/2023	Organic	2-Nitrophenol	n/a	=	26	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/22/2023	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1			
2022/23-6	Lab	LCS	6/22/2023	Organic	2-Nitrophenol	n/a	=	18	µg/L	EPA 8270C	0.71	1			
2022/23-6	Lab	LCS, rec	6/22/2023	Organic	2-Nitrophenol	n/a	=	90	%	EPA 8270C	-88	-88	33	103	
2022/23-6	Lab	LCS dup	6/22/2023	Organic	2-Nitrophenol	n/a	=	15	µg/L	EPA 8270C	0.71	1			
2022/23-6	Lab	LCS dup, rec	6/22/2023	Organic	2-Nitrophenol	n/a	=	75	%	EPA 8270C	-88	-88	33	103	
2022/23-6	Lab	LCS, RPD	6/22/2023	Organic	2-Nitrophenol	n/a	=	18	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	2-Nitrophenol	n/a	=	15.6	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	2-Nitrophenol	n/a	=	78	%	EPA 625.1	-88	-88	45	167	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	2-Nitrophenol	n/a	=	12.8	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	2-Nitrophenol	n/a	=	64	%	EPA 625.1	-88	-88	45	167	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	2-Nitrophenol	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS	6/11/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	11.5	µg/L	EPA 625.1	2.5	5			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	58	%	EPA 625.1	-88	-88	8	213	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	10.9	µg/L	EPA 625.1	2.5	5			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	54	%	EPA 625.1	-88	-88	8	213	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5			
2022/23-6	Lab	LCS	6/16/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	9.21	µg/L	EPA 625.1	2.5	5			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	46	%	EPA 625.1	-88	-88	8	213	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	9.8	µg/L	EPA 625.1	2.5	5			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	49	%	EPA 625.1	-88	-88	8	213	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5			
2022/23-6	Lab	LCS	6/16/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	9.06	µg/L	EPA 625.1	2.5	5			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	45	%	EPA 625.1	-88	-88	8	213	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	8.37	µg/L	EPA 625.1	2.5	5			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	42	%	EPA 625.1	-88	-88	8	213	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS	6/23/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	10.2	µg/L	EPA 625.1	2.5	5			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	51	%	EPA 625.1	-88	-88	8	213	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	8.3	µg/L	EPA 625.1	2.5	5			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	42	%	EPA 625.1	-88	-88	8	213	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	3,3'-Dichlorobenzidine	n/a	=	20	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5			
2022/23-6	Lab	method blank	5/26/2023	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2022/23-6	Lab	method blank	6/21/2023	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2022/23-6	Lab	method blank	6/22/2023	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2022/23-6	Lab	method blank	6/22/2023	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1			
2022/23-6	Lab	method blank	5/26/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2022/23-6	Lab	LCS	5/26/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.4	µg/L	EPA 8270C	0.14	1			
2022/23-6	Lab	LCS, rec	5/26/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	102	%	EPA 8270C	-88	-88	33	118	
2022/23-6	Lab	LCS dup	5/26/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	18.6	µg/L	EPA 8270C	0.14	1			
2022/23-6	Lab	LCS dup, rec	5/26/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	93	%	EPA 8270C	-88	-88	33	118	
2022/23-6	Lab	LCS, RPD	5/26/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	21.9	µg/L	EPA 625.1	2.4	5			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	110	%	EPA 625.1	-88	-88	53	130	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.7	µg/L	EPA 625.1	2.4	5			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	104	%	EPA 625.1	-88	-88	53	130	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	<	2.4	µg/L	EPA 625.1	2.4	5			
2022/23-6	Lab	LCS	6/16/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	15.3	µg/L	EPA 625.1	2.4	5			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	76	%	EPA 625.1	-88	-88	53	130	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	19.4	µg/L	EPA 625.1	2.4	5			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	97	%	EPA 625.1	-88	-88	53	130	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	24	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	<	2.4	µg/L	EPA 625.1	2.4	5			
2022/23-6	Lab	LCS	6/16/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	17.3	µg/L	EPA 625.1	2.4	5			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	86	%	EPA 625.1	-88	-88	53	130	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	18.6	µg/L	EPA 625.1	2.4	5			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	93	%	EPA 625.1	-88	-88	53	130	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	<	2.4	µg/L	EPA 625.1	2.4	5			
2022/23-6	Lab	LCS	6/21/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	16.3	µg/L	EPA 8270C	0.14	1			
2022/23-6	Lab	LCS, rec	6/21/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	82	%	EPA 8270C	-88	-88	33	118	
2022/23-6	Lab	LCS dup	6/21/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	18.5	µg/L	EPA 8270C	0.14	1			
2022/23-6	Lab	LCS dup, rec	6/21/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	93	%	EPA 8270C	-88	-88	33	118	
2022/23-6	Lab	LCS, RPD	6/21/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	13	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			
2022/23-6	Lab	LCS	6/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	14.9	µg/L	EPA 8270C	0.14	1			
2022/23-6	Lab	LCS, rec	6/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	75	%	EPA 8270C	-88	-88	33	118	
2022/23-6	Lab	LCS dup	6/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	21.3	µg/L	EPA 8270C	0.14	1			IL
2022/23-6	Lab	LCS dup, rec	6/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	106	%	EPA 8270C	-88	-88	33	118	IL
2022/23-6	Lab	LCS, RPD	6/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	35	%	EPA 8270C	-88	-88	0	30	IL
2022/23-6	Lab	method blank	6/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS	6/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	25	µg/L	EPA 8270C	0.14	1			EUM
2022/23-6	Lab	LCS, rec	6/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	125	%	EPA 8270C	-88	-88	33	118	EUM
2022/23-6	Lab	LCS dup	6/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.6	µg/L	EPA 8270C	0.14	1			
2022/23-6	Lab	LCS dup, rec	6/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	103	%	EPA 8270C	-88	-88	33	118	
2022/23-6	Lab	LCS, RPD	6/22/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	19	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	19.3	µg/L	EPA 625.1	2.4	5			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	96	%	EPA 625.1	-88	-88	53	130	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	15.7	µg/L	EPA 625.1	2.4	5			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	79	%	EPA 625.1	-88	-88	53	130	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	4,6-Dinitro-2-methylphenol	n/a	<	2.4	µg/L	EPA 625.1	2.4	5			
2022/23-6	Lab	srgt LCS	5/17/2023	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 8260B	-88	-88			
2022/23-6	Lab	srgt LCS, rec	5/17/2023	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2022/23-6	Lab	srgt LCS dup	5/17/2023	Organic	4-Bromofluorobenzene	n/a	=	52.8	µg/L	EPA 8260B	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	5/17/2023	Organic	4-Bromofluorobenzene	n/a	=	106	%	EPA 8260B	-88	-88	83	110	
2022/23-6	Lab	srgt method blank	5/17/2023	Organic	4-Bromofluorobenzene	n/a	=	48.5	µg/L	EPA 8260B	-88	-88			
2022/23-6	Lab	srgt method blank, rec	5/17/2023	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 8260B	-88	-88	83	110	
2022/23-6	Lab	srgt LCS	6/1/2023	Organic	4-Bromofluorobenzene	n/a	=	50.8	µg/L	EPA 8260B	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/1/2023	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 8260B	-88	-88	83	110	
2022/23-6	Lab	srgt LCS dup	6/1/2023	Organic	4-Bromofluorobenzene	n/a	=	50.9	µg/L	EPA 8260B	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/1/2023	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 8260B	-88	-88	83	110	
2022/23-6	Lab	srgt method blank	6/1/2023	Organic	4-Bromofluorobenzene	n/a	=	46.8	µg/L	EPA 8260B	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/1/2023	Organic	4-Bromofluorobenzene	n/a	=	94	%	EPA 8260B	-88	-88	83	110	
2022/23-6	ME-CC	srgt environ	5/17/2023	Organic	4-Bromofluorobenzene	n/a	=	49.3	µg/L	EPA 8260B	-88	-88			
2022/23-6	ME-CC	srgt environ, rec	5/17/2023	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 8260B	-88	-88	83	110	
2022/23-6	ME-SCR	srgt environ	6/1/2023	Organic	4-Bromofluorobenzene	n/a	=	47.8	µg/L	EPA 8260B	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	6/1/2023	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 8260B	-88	-88	83	110	
2022/23-6	ME-VR2	srgt environ	6/1/2023	Organic	4-Bromofluorobenzene	n/a	=	49.4	µg/L	EPA 8260B	-88	-88			
2022/23-6	ME-VR2	srgt environ, rec	6/1/2023	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 8260B	-88	-88	83	110	
2022/23-6	MO-CAM	srgt environ	5/17/2023	Organic	4-Bromofluorobenzene	n/a	=	47.6	µg/L	EPA 8260B	-88	-88			
2022/23-6	MO-CAM	srgt environ, rec	5/17/2023	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 8260B	-88	-88	83	110	
2022/23-6	MO-FIL	srgt environ	6/1/2023	Organic	4-Bromofluorobenzene	n/a	=	50.2	µg/L	EPA 8260B	-88	-88			
2022/23-6	MO-FIL	srgt environ, rec	6/1/2023	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2022/23-6	MO-HUE	srgt environ	6/1/2023	Organic	4-Bromofluorobenzene	n/a	=	50	µg/L	EPA 8260B	-88	-88			
2022/23-6	MO-HUE	srgt environ, rec	6/1/2023	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2022/23-6	MO-MEI	srgt environ	6/1/2023	Organic	4-Bromofluorobenzene	n/a	=	49.9	µg/L	EPA 8260B	-88	-88			
2022/23-6	MO-MEI	srgt environ, rec	6/1/2023	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2022/23-6	MO-MPK	srgt environ	5/17/2023	Organic	4-Bromofluorobenzene	n/a	=	46.2	µg/L	EPA 8260B	-88	-88			
2022/23-6	MO-MPK	srgt environ, rec	5/17/2023	Organic	4-Bromofluorobenzene	n/a	=	92	%	EPA 8260B	-88	-88	83	110	
2022/23-6	MO-OJA	srgt environ	6/1/2023	Organic	4-Bromofluorobenzene	n/a	=	49.9	µg/L	EPA 8260B	-88	-88			
2022/23-6	MO-OJA	srgt environ, rec	6/1/2023	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 8260B	-88	-88	83	110	
2022/23-6	MO-SIM	srgt environ	5/17/2023	Organic	4-Bromofluorobenzene	n/a	=	48.4	µg/L	EPA 8260B	-88	-88			
2022/23-6	MO-SIM	srgt environ, rec	5/17/2023	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 8260B	-88	-88	83	110	
2022/23-6	MO-THO	srgt environ	5/17/2023	Organic	4-Bromofluorobenzene	n/a	=	47.3	µg/L	EPA 8260B	-88	-88			
2022/23-6	MO-THO	srgt environ, rec	5/17/2023	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 8260B	-88	-88	83	110	
2022/23-6	MO-VEN	srgt environ	6/1/2023	Organic	4-Bromofluorobenzene	n/a	=	49.5	µg/L	EPA 8260B	-88	-88			
2022/23-6	MO-VEN	srgt environ, rec	6/1/2023	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 8260B	-88	-88	83	110	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS	6/11/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	18.9	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	94	%	EPA 625.1	-88	-88	65	120	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	17.8	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	89	%	EPA 625.1	-88	-88	65	120	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	14.3	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	72	%	EPA 625.1	-88	-88	65	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	16.1	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	80	%	EPA 625.1	-88	-88	65	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	13.5	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	68	%	EPA 625.1	-88	-88	65	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	15.3	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	77	%	EPA 625.1	-88	-88	65	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	17	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	85	%	EPA 625.1	-88	-88	65	120	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	14.5	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	73	%	EPA 625.1	-88	-88	65	120	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	4-Bromophenyl phenyl ether	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	method blank	5/26/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2022/23-6	Lab	LCS	5/26/2023	Organic	4-Chloro-3-methylphenol	n/a	=	18.1	µg/L	EPA 8270C	0.37	1			
2022/23-6	Lab	LCS, rec	5/26/2023	Organic	4-Chloro-3-methylphenol	n/a	=	91	%	EPA 8270C	-88	-88	29	108	
2022/23-6	Lab	LCS dup	5/26/2023	Organic	4-Chloro-3-methylphenol	n/a	=	17.1	µg/L	EPA 8270C	0.37	1			
2022/23-6	Lab	LCS dup, rec	5/26/2023	Organic	4-Chloro-3-methylphenol	n/a	=	86	%	EPA 8270C	-88	-88	29	108	
2022/23-6	Lab	LCS, RPD	5/26/2023	Organic	4-Chloro-3-methylphenol	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	4-Chloro-3-methylphenol	n/a	=	16.4	µg/L	EPA 625.1	0.23	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	4-Chloro-3-methylphenol	n/a	=	82	%	EPA 625.1	-88	-88	41	128	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	4-Chloro-3-methylphenol	n/a	=	15.9	µg/L	EPA 625.1	0.23	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	4-Chloro-3-methylphenol	n/a	=	80	%	EPA 625.1	-88	-88	41	128	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	4-Chloro-3-methylphenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	4-Chloro-3-methylphenol	n/a	=	13.2	µg/L	EPA 625.1	0.23	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	4-Chloro-3-methylphenol	n/a	=	66	%	EPA 625.1	-88	-88	41	128	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	4-Chloro-3-methylphenol	n/a	=	15	µg/L	EPA 625.1	0.23	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	4-Chloro-3-methylphenol	n/a	=	75	%	EPA 625.1	-88	-88	41	128	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	4-Chloro-3-methylphenol	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	4-Chloro-3-methylphenol	n/a	=	12.7	µg/L	EPA 625.1	0.23	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	4-Chloro-3-methylphenol	n/a	=	63	%	EPA 625.1	-88	-88	41	128	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	4-Chloro-3-methylphenol	n/a	=	14.4	µg/L	EPA 625.1	0.23	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	4-Chloro-3-methylphenol	n/a	=	72	%	EPA 625.1	-88	-88	41	128	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	4-Chloro-3-methylphenol	n/a	=	13	%	EPA 625.1	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	method blank	6/16/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2022/23-6	Lab	method blank	6/21/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2022/23-6	Lab	LCS	6/21/2023	Organic	4-Chloro-3-methylphenol	n/a	=	15.5	µg/L	EPA 8270C	0.37	1			
2022/23-6	Lab	LCS, rec	6/21/2023	Organic	4-Chloro-3-methylphenol	n/a	=	78	%	EPA 8270C	-88	-88	29	108	
2022/23-6	Lab	LCS dup	6/21/2023	Organic	4-Chloro-3-methylphenol	n/a	=	15	µg/L	EPA 8270C	0.37	1			
2022/23-6	Lab	LCS dup, rec	6/21/2023	Organic	4-Chloro-3-methylphenol	n/a	=	75	%	EPA 8270C	-88	-88	29	108	
2022/23-6	Lab	LCS, RPD	6/21/2023	Organic	4-Chloro-3-methylphenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/22/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2022/23-6	Lab	LCS	6/22/2023	Organic	4-Chloro-3-methylphenol	n/a	=	13.2	µg/L	EPA 8270C	0.37	1			
2022/23-6	Lab	LCS, rec	6/22/2023	Organic	4-Chloro-3-methylphenol	n/a	=	66	%	EPA 8270C	-88	-88	29	108	
2022/23-6	Lab	LCS dup	6/22/2023	Organic	4-Chloro-3-methylphenol	n/a	=	16	µg/L	EPA 8270C	0.37	1			
2022/23-6	Lab	LCS dup, rec	6/22/2023	Organic	4-Chloro-3-methylphenol	n/a	=	80	%	EPA 8270C	-88	-88	29	108	
2022/23-6	Lab	LCS, RPD	6/22/2023	Organic	4-Chloro-3-methylphenol	n/a	=	19	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/22/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1			
2022/23-6	Lab	LCS	6/22/2023	Organic	4-Chloro-3-methylphenol	n/a	=	18	µg/L	EPA 8270C	0.37	1			
2022/23-6	Lab	LCS, rec	6/22/2023	Organic	4-Chloro-3-methylphenol	n/a	=	90	%	EPA 8270C	-88	-88	29	108	
2022/23-6	Lab	LCS dup	6/22/2023	Organic	4-Chloro-3-methylphenol	n/a	=	14.9	µg/L	EPA 8270C	0.37	1			
2022/23-6	Lab	LCS dup, rec	6/22/2023	Organic	4-Chloro-3-methylphenol	n/a	=	74	%	EPA 8270C	-88	-88	29	108	
2022/23-6	Lab	LCS, RPD	6/22/2023	Organic	4-Chloro-3-methylphenol	n/a	=	19	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	4-Chloro-3-methylphenol	n/a	=	15.8	µg/L	EPA 625.1	0.23	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	4-Chloro-3-methylphenol	n/a	=	79	%	EPA 625.1	-88	-88	41	128	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	4-Chloro-3-methylphenol	n/a	=	13	µg/L	EPA 625.1	0.23	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	4-Chloro-3-methylphenol	n/a	=	65	%	EPA 625.1	-88	-88	41	128	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	4-Chloro-3-methylphenol	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2022/23-6	Lab	LCS	6/11/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	17.9	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	89	%	EPA 625.1	-88	-88	38	145	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	16.6	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	83	%	EPA 625.1	-88	-88	38	145	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	13	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	65	%	EPA 625.1	-88	-88	38	145	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	14.2	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	71	%	EPA 625.1	-88	-88	38	145	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	11.9	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	59	%	EPA 625.1	-88	-88	38	145	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	13.6	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	68	%	EPA 625.1	-88	-88	38	145	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	15.8	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	79	%	EPA 625.1	-88	-88	38	145	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	13	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	65	%	EPA 625.1	-88	-88	38	145	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	4-Chlorophenyl phenyl ether	n/a	=	20	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	method blank	5/26/2023	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS	5/26/2023	Organic	4-Nitrophenol	n/a	=	7.36	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS, rec	5/26/2023	Organic	4-Nitrophenol	n/a	=	37	%	EPA 8270C	-88	-88	6	46	
2022/23-6	Lab	LCS dup	5/26/2023	Organic	4-Nitrophenol	n/a	=	6.66	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS dup, rec	5/26/2023	Organic	4-Nitrophenol	n/a	=	33	%	EPA 8270C	-88	-88	6	46	
2022/23-6	Lab	LCS, RPD	5/26/2023	Organic	4-Nitrophenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	4-Nitrophenol	n/a	=	8.03	µg/L	EPA 625.1	1.2	5			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	4-Nitrophenol	n/a	=	40	%	EPA 625.1	-88	-88	13	129	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	4-Nitrophenol	n/a	=	7.71	µg/L	EPA 625.1	1.2	5			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	4-Nitrophenol	n/a	=	39	%	EPA 625.1	-88	-88	13	129	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	4-Nitrophenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2022/23-6	Lab	LCS	6/16/2023	Organic	4-Nitrophenol	n/a	=	5.52	µg/L	EPA 625.1	1.2	5			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	4-Nitrophenol	n/a	=	28	%	EPA 625.1	-88	-88	13	129	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	4-Nitrophenol	n/a	=	6.52	µg/L	EPA 625.1	1.2	5			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	4-Nitrophenol	n/a	=	33	%	EPA 625.1	-88	-88	13	129	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	4-Nitrophenol	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2022/23-6	Lab	LCS	6/16/2023	Organic	4-Nitrophenol	n/a	=	6.06	µg/L	EPA 625.1	1.2	5			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	4-Nitrophenol	n/a	=	30	%	EPA 625.1	-88	-88	13	129	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	4-Nitrophenol	n/a	=	5.96	µg/L	EPA 625.1	1.2	5			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	4-Nitrophenol	n/a	=	30	%	EPA 625.1	-88	-88	13	129	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	4-Nitrophenol	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2022/23-6	Lab	method blank	6/21/2023	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS	6/21/2023	Organic	4-Nitrophenol	n/a	=	6.61	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS, rec	6/21/2023	Organic	4-Nitrophenol	n/a	=	33	%	EPA 8270C	-88	-88	6	46	
2022/23-6	Lab	LCS dup	6/21/2023	Organic	4-Nitrophenol	n/a	=	7.12	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS dup, rec	6/21/2023	Organic	4-Nitrophenol	n/a	=	36	%	EPA 8270C	-88	-88	6	46	
2022/23-6	Lab	LCS, RPD	6/21/2023	Organic	4-Nitrophenol	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/22/2023	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS	6/22/2023	Organic	4-Nitrophenol	n/a	=	6.02	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS, rec	6/22/2023	Organic	4-Nitrophenol	n/a	=	30	%	EPA 8270C	-88	-88	6	46	
2022/23-6	Lab	LCS dup	6/22/2023	Organic	4-Nitrophenol	n/a	=	8.02	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS dup, rec	6/22/2023	Organic	4-Nitrophenol	n/a	=	40	%	EPA 8270C	-88	-88	6	46	
2022/23-6	Lab	LCS, RPD	6/22/2023	Organic	4-Nitrophenol	n/a	=	28	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/22/2023	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS	6/22/2023	Organic	4-Nitrophenol	n/a	=	9.79	µg/L	EPA 8270C	1	2			EUM
2022/23-6	Lab	LCS, rec	6/22/2023	Organic	4-Nitrophenol	n/a	=	49	%	EPA 8270C	-88	-88	6	46	EUM
2022/23-6	Lab	LCS dup	6/22/2023	Organic	4-Nitrophenol	n/a	=	7.96	µg/L	EPA 8270C	1	2			
2022/23-6	Lab	LCS dup, rec	6/22/2023	Organic	4-Nitrophenol	n/a	=	40	%	EPA 8270C	-88	-88	6	46	
2022/23-6	Lab	LCS, RPD	6/22/2023	Organic	4-Nitrophenol	n/a	=	21	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	4-Nitrophenol	n/a	=	7.67	µg/L	EPA 625.1	1.2	5			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	4-Nitrophenol	n/a	=	38	%	EPA 625.1	-88	-88	13	129	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	4-Nitrophenol	n/a	=	6.23	µg/L	EPA 625.1	1.2	5			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS dup. rec	6/23/2023	Organic	4-Nitrophenol	n/a	=	31	%	EPA 625.1	-88	-88	13	129	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	4-Nitrophenol	n/a	=	21	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2022/23-6	Lab	method blank	6/8/2023	Organic	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1			
2022/23-6	Lab	LCS	6/8/2023	Organic	Acenaphthene	n/a	=	0.766	µg/L	EPA 8270C	0.028	0.1			
2022/23-6	Lab	LCS, rec	6/8/2023	Organic	Acenaphthene	n/a	=	77	%	EPA 8270C	-88	-88	11	122	
2022/23-6	Lab	LCS dup	6/8/2023	Organic	Acenaphthene	n/a	=	0.725	µg/L	EPA 8270C	0.028	0.1			
2022/23-6	Lab	LCS dup. rec	6/8/2023	Organic	Acenaphthene	n/a	=	72	%	EPA 8270C	-88	-88	11	122	
2022/23-6	Lab	LCS, RPD	6/8/2023	Organic	Acenaphthene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	Acenaphthene	n/a	=	18	µg/L	EPA 625.1	0.38	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Acenaphthene	n/a	=	90	%	EPA 625.1	-88	-88	60	132	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Acenaphthene	n/a	=	17	µg/L	EPA 625.1	0.38	1			
2022/23-6	Lab	LCS dup. rec	6/11/2023	Organic	Acenaphthene	n/a	=	85	%	EPA 625.1	-88	-88	60	132	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Acenaphthene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Acenaphthene	n/a	=	13.5	µg/L	EPA 625.1	0.38	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Acenaphthene	n/a	=	68	%	EPA 625.1	-88	-88	60	132	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Acenaphthene	n/a	=	14.7	µg/L	EPA 625.1	0.38	1			
2022/23-6	Lab	LCS dup. rec	6/16/2023	Organic	Acenaphthene	n/a	=	74	%	EPA 625.1	-88	-88	60	132	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Acenaphthene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Acenaphthene	n/a	=	12.6	µg/L	EPA 625.1	0.38	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Acenaphthene	n/a	=	63	%	EPA 625.1	-88	-88	60	132	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Acenaphthene	n/a	=	14.3	µg/L	EPA 625.1	0.38	1			
2022/23-6	Lab	LCS dup. rec	6/16/2023	Organic	Acenaphthene	n/a	=	71	%	EPA 625.1	-88	-88	60	132	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Acenaphthene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-6	Lab	method blank	6/20/2023	Organic	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Acenaphthene	n/a	=	0.487	µg/L	EPA 8270C	0.028	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Acenaphthene	n/a	=	49	%	EPA 8270C	-88	-88	11	122	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Acenaphthene	n/a	=	0.579	µg/L	EPA 8270C	0.028	0.1			
2022/23-6	Lab	LCS dup. rec	6/20/2023	Organic	Acenaphthene	n/a	=	58	%	EPA 8270C	-88	-88	11	122	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Acenaphthene	n/a	=	17	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Acenaphthene	n/a	=	0.802	µg/L	EPA 8270C	0.028	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Acenaphthene	n/a	=	80	%	EPA 8270C	-88	-88	11	122	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Acenaphthene	n/a	=	0.583	µg/L	EPA 8270C	0.028	0.1			IL
2022/23-6	Lab	LCS dup. rec	6/20/2023	Organic	Acenaphthene	n/a	=	58	%	EPA 8270C	-88	-88	11	122	IL
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Acenaphthene	n/a	=	32	%	EPA 8270C	-88	-88	0	30	IL
2022/23-6	Lab	method blank	6/20/2023	Organic	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Acenaphthene	n/a	=	14.6	µg/L	EPA 8270C	0.028	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Acenaphthene	n/a	=	73	%	EPA 8270C	-88	-88	11	122	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Acenaphthene	n/a	=	12.6	µg/L	EPA 8270C	0.028	0.1			
2022/23-6	Lab	LCS dup. rec	6/20/2023	Organic	Acenaphthene	n/a	=	63	%	EPA 8270C	-88	-88	11	122	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Acenaphthene	n/a	=	15	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	Acenaphthene	n/a	=	17.1	µg/L	EPA 625.1	0.38	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Acenaphthene	n/a	=	85	%	EPA 625.1	-88	-88	60	132	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Acenaphthene	n/a	=	14.3	µg/L	EPA 625.1	0.38	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Acenaphthene	n/a	=	71	%	EPA 625.1	-88	-88	60	132	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Acenaphthene	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-6	Lab	method blank	6/8/2023	Organic	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1			
2022/23-6	Lab	LCS	6/8/2023	Organic	Acenaphthylene	n/a	=	0.723	µg/L	EPA 8270C	0.033	0.1			
2022/23-6	Lab	LCS, rec	6/8/2023	Organic	Acenaphthylene	n/a	=	72	%	EPA 8270C	-88	-88	4	135	
2022/23-6	Lab	LCS dup	6/8/2023	Organic	Acenaphthylene	n/a	=	0.801	µg/L	EPA 8270C	0.033	0.1			
2022/23-6	Lab	LCS dup, rec	6/8/2023	Organic	Acenaphthylene	n/a	=	80	%	EPA 8270C	-88	-88	4	135	
2022/23-6	Lab	LCS, RPD	6/8/2023	Organic	Acenaphthylene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	Acenaphthylene	n/a	=	20.1	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Acenaphthylene	n/a	=	100	%	EPA 625.1	-88	-88	54	126	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Acenaphthylene	n/a	=	19.3	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Acenaphthylene	n/a	=	96	%	EPA 625.1	-88	-88	54	126	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Acenaphthylene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Acenaphthylene	n/a	=	15.3	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Acenaphthylene	n/a	=	76	%	EPA 625.1	-88	-88	54	126	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Acenaphthylene	n/a	=	16.5	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Acenaphthylene	n/a	=	83	%	EPA 625.1	-88	-88	54	126	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Acenaphthylene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Acenaphthylene	n/a	=	14	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Acenaphthylene	n/a	=	70	%	EPA 625.1	-88	-88	54	126	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Acenaphthylene	n/a	=	15.9	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Acenaphthylene	n/a	=	79	%	EPA 625.1	-88	-88	54	126	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Acenaphthylene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	method blank	6/20/2023	Organic	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Acenaphthylene	n/a	=	0.469	µg/L	EPA 8270C	0.033	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Acenaphthylene	n/a	=	47	%	EPA 8270C	-88	-88	4	135	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Acenaphthylene	n/a	=	0.572	µg/L	EPA 8270C	0.033	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Acenaphthylene	n/a	=	57	%	EPA 8270C	-88	-88	4	135	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Acenaphthylene	n/a	=	20	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Acenaphthylene	n/a	=	0.836	µg/L	EPA 8270C	0.033	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Acenaphthylene	n/a	=	84	%	EPA 8270C	-88	-88	4	135	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Acenaphthylene	n/a	=	0.582	µg/L	EPA 8270C	0.033	0.1			IL
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Acenaphthylene	n/a	=	58	%	EPA 8270C	-88	-88	4	135	IL
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Acenaphthylene	n/a	=	36	%	EPA 8270C	-88	-88	0	30	IL
2022/23-6	Lab	method blank	6/20/2023	Organic	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Acenaphthylene	n/a	=	16.5	µg/L	EPA 8270C	0.033	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Acenaphthylene	n/a	=	82	%	EPA 8270C	-88	-88	4	135	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Acenaphthylene	n/a	=	13.8	µg/L	EPA 8270C	0.033	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Acenaphthylene	n/a	=	69	%	EPA 8270C	-88	-88	4	135	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Acenaphthylene	n/a	=	18	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	Acenaphthylene	n/a	=	17.9	µg/L	EPA 625.1	0.35	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Acenaphthylene	n/a	=	89	%	EPA 625.1	-88	-88	54	126	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Acenaphthylene	n/a	=	14.5	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Acenaphthylene	n/a	=	72	%	EPA 625.1	-88	-88	54	126	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Acenaphthylene	n/a	=	21	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	method blank	6/8/2023	Organic	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1			
2022/23-6	Lab	LCS	6/8/2023	Organic	Anthracene	n/a	=	0.763	µg/L	EPA 8270C	0.025	0.1			
2022/23-6	Lab	LCS, rec	6/8/2023	Organic	Anthracene	n/a	=	76	%	EPA 8270C	-88	-88	22	127	
2022/23-6	Lab	LCS dup	6/8/2023	Organic	Anthracene	n/a	=	0.758	µg/L	EPA 8270C	0.025	0.1			
2022/23-6	Lab	LCS dup, rec	6/8/2023	Organic	Anthracene	n/a	=	76	%	EPA 8270C	-88	-88	22	127	
2022/23-6	Lab	LCS, RPD	6/8/2023	Organic	Anthracene	n/a	=	0.6	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	Anthracene	n/a	=	17.9	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Anthracene	n/a	=	90	%	EPA 625.1	-88	-88	43	120	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Anthracene	n/a	=	16.9	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Anthracene	n/a	=	84	%	EPA 625.1	-88	-88	43	120	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Anthracene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Anthracene	n/a	=	14.1	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Anthracene	n/a	=	71	%	EPA 625.1	-88	-88	43	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Anthracene	n/a	=	15.5	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Anthracene	n/a	=	78	%	EPA 625.1	-88	-88	43	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Anthracene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Anthracene	n/a	=	13	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Anthracene	n/a	=	65	%	EPA 625.1	-88	-88	43	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Anthracene	n/a	=	14.1	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Anthracene	n/a	=	70	%	EPA 625.1	-88	-88	43	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Anthracene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	method blank	6/20/2023	Organic	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Anthracene	n/a	=	0.589	µg/L	EPA 8270C	0.025	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Anthracene	n/a	=	59	%	EPA 8270C	-88	-88	22	127	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Anthracene	n/a	=	0.598	µg/L	EPA 8270C	0.025	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Anthracene	n/a	=	60	%	EPA 8270C	-88	-88	22	127	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Anthracene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Anthracene	n/a	=	0.778	µg/L	EPA 8270C	0.025	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Anthracene	n/a	=	78	%	EPA 8270C	-88	-88	22	127	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Anthracene	n/a	=	0.606	µg/L	EPA 8270C	0.025	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Anthracene	n/a	=	61	%	EPA 8270C	-88	-88	22	127	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Anthracene	n/a	=	25	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Anthracene	n/a	=	17.6	µg/L	EPA 8270C	0.025	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Anthracene	n/a	=	88	%	EPA 8270C	-88	-88	22	127	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Anthracene	n/a	=	14.6	µg/L	EPA 8270C	0.025	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Anthracene	n/a	=	73	%	EPA 8270C	-88	-88	22	127	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Anthracene	n/a	=	19	%	EPA 8270C	-88	-88	0	30	

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Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS	6/23/2023	Organic	Anthracene	n/a	=	17.6	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Anthracene	n/a	=	88	%	EPA 625.1	-88	-88	43	120	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Anthracene	n/a	=	14.4	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Anthracene	n/a	=	72	%	EPA 625.1	-88	-88	43	120	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Anthracene	n/a	=	20	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-6	Lab	method blank	6/8/2023	Organic	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS	6/8/2023	Organic	Benz(a)anthracene	n/a	=	0.913	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS, rec	6/8/2023	Organic	Benz(a)anthracene	n/a	=	91	%	EPA 8270C	-88	-88	17	131	
2022/23-6	Lab	LCS dup	6/8/2023	Organic	Benz(a)anthracene	n/a	=	1	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS dup, rec	6/8/2023	Organic	Benz(a)anthracene	n/a	=	100	%	EPA 8270C	-88	-88	17	131	
2022/23-6	Lab	LCS, RPD	6/8/2023	Organic	Benz(a)anthracene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	Benz(a)anthracene	n/a	=	17.3	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Benz(a)anthracene	n/a	=	86	%	EPA 625.1	-88	-88	42	133	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Benz(a)anthracene	n/a	=	15.5	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Benz(a)anthracene	n/a	=	77	%	EPA 625.1	-88	-88	42	133	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Benz(a)anthracene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Benz(a)anthracene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Benz(a)anthracene	n/a	=	13.6	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Benz(a)anthracene	n/a	=	68	%	EPA 625.1	-88	-88	42	133	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Benz(a)anthracene	n/a	=	14.3	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Benz(a)anthracene	n/a	=	72	%	EPA 625.1	-88	-88	42	133	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Benz(a)anthracene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Benz(a)anthracene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Benz(a)anthracene	n/a	=	12.7	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Benz(a)anthracene	n/a	=	64	%	EPA 625.1	-88	-88	42	133	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Benz(a)anthracene	n/a	=	13.5	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Benz(a)anthracene	n/a	=	67	%	EPA 625.1	-88	-88	42	133	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Benz(a)anthracene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Benz(a)anthracene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	method blank	6/20/2023	Organic	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Benz(a)anthracene	n/a	=	0.819	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Benz(a)anthracene	n/a	=	82	%	EPA 8270C	-88	-88	17	131	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Benz(a)anthracene	n/a	=	0.748	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Benz(a)anthracene	n/a	=	75	%	EPA 8270C	-88	-88	17	131	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Benz(a)anthracene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Benz(a)anthracene	n/a	=	0.933	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Benz(a)anthracene	n/a	=	93	%	EPA 8270C	-88	-88	17	131	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Benz(a)anthracene	n/a	=	0.774	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Benz(a)anthracene	n/a	=	77	%	EPA 8270C	-88	-88	17	131	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Benz(a)anthracene	n/a	=	19	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Benz(a)anthracene	n/a	=	16.7	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Benz(a)anthracene	n/a	=	83	%	EPA 8270C	-88	-88	17	131	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Benz(a)anthracene	n/a	=	13.9	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Benz(a)anthracene	n/a	=	70	%	EPA 8270C	-88	-88	17	131	

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Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Benz(a)anthracene	n/a	=	18	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	Benz(a)anthracene	n/a	=	17.9	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Benz(a)anthracene	n/a	=	90	%	EPA 625.1	-88	-88	42	133	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Benz(a)anthracene	n/a	=	14.8	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Benz(a)anthracene	n/a	=	74	%	EPA 625.1	-88	-88	42	133	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Benz(a)anthracene	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Benz(a)anthracene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	method blank	6/11/2023	Organic	Ben-zidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10			
2022/23-6	Lab	method blank	6/16/2023	Organic	Ben-zidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10			
2022/23-6	Lab	method blank	6/16/2023	Organic	Ben-zidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10			
2022/23-6	Lab	method blank	6/23/2023	Organic	Ben-zidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10			
2022/23-6	Lab	method blank	6/5/2023	Organic	Ben-zo(a)pyrene	n/a	<	0.045	µg/L	EPA 525.2	0.045	0.1			
2022/23-6	Lab	LCS	6/5/2023	Organic	Ben-zo(a)pyrene	n/a	=	4.3	µg/L	EPA 525.2	0.045	0.1			
2022/23-6	Lab	LCS, rec	6/5/2023	Organic	Ben-zo(a)pyrene	n/a	=	86	%	EPA 525.2	-88	-88	60	130	
2022/23-6	Lab	LCS dup	6/5/2023	Organic	Ben-zo(a)pyrene	n/a	=	4.78	µg/L	EPA 525.2	0.045	0.1			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Organic	Ben-zo(a)pyrene	n/a	=	96	%	EPA 525.2	-88	-88	60	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Organic	Ben-zo(a)pyrene	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Organic	Ben-zo(a)pyrene	n/a	<	0.045	µg/L	EPA 525.2	0.045	0.1			
2022/23-6	Lab	LCS	6/6/2023	Organic	Ben-zo(a)pyrene	n/a	=	5.15	µg/L	EPA 525.2	0.045	0.1			
2022/23-6	Lab	LCS, rec	6/6/2023	Organic	Ben-zo(a)pyrene	n/a	=	103	%	EPA 525.2	-88	-88	60	130	
2022/23-6	Lab	LCS dup	6/6/2023	Organic	Ben-zo(a)pyrene	n/a	=	4.98	µg/L	EPA 525.2	0.045	0.1			
2022/23-6	Lab	LCS dup, rec	6/6/2023	Organic	Ben-zo(a)pyrene	n/a	=	100	%	EPA 525.2	-88	-88	60	130	
2022/23-6	Lab	LCS, RPD	6/6/2023	Organic	Ben-zo(a)pyrene	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/8/2023	Organic	Ben-zo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS	6/8/2023	Organic	Ben-zo(a)pyrene	n/a	=	0.935	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS, rec	6/8/2023	Organic	Ben-zo(a)pyrene	n/a	=	93	%	EPA 8270C	-88	-88	12	131	
2022/23-6	Lab	LCS dup	6/8/2023	Organic	Ben-zo(a)pyrene	n/a	=	0.949	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS dup, rec	6/8/2023	Organic	Ben-zo(a)pyrene	n/a	=	95	%	EPA 8270C	-88	-88	12	131	
2022/23-6	Lab	LCS, RPD	6/8/2023	Organic	Ben-zo(a)pyrene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	Ben-zo(a)pyrene	n/a	=	21.5	µg/L	EPA 625.1	0.82	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Ben-zo(a)pyrene	n/a	=	108	%	EPA 625.1	-88	-88	32	148	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Ben-zo(a)pyrene	n/a	=	20.3	µg/L	EPA 625.1	0.82	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Ben-zo(a)pyrene	n/a	=	102	%	EPA 625.1	-88	-88	32	148	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Ben-zo(a)pyrene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Ben-zo(a)pyrene	n/a	<	0.82	µg/L	EPA 625.1	0.82	1			
2022/23-6	Lab	method blank	6/12/2023	Organic	Ben-zo(a)pyrene	n/a	<	0.045	µg/L	EPA 525.2	0.045	0.1			
2022/23-6	Lab	LCS	6/12/2023	Organic	Ben-zo(a)pyrene	n/a	=	4.83	µg/L	EPA 525.2	0.045	0.1			
2022/23-6	Lab	LCS, rec	6/12/2023	Organic	Ben-zo(a)pyrene	n/a	=	97	%	EPA 525.2	-88	-88	60	130	
2022/23-6	Lab	LCS dup	6/12/2023	Organic	Ben-zo(a)pyrene	n/a	=	4.44	µg/L	EPA 525.2	0.045	0.1			
2022/23-6	Lab	LCS dup, rec	6/12/2023	Organic	Ben-zo(a)pyrene	n/a	=	89	%	EPA 525.2	-88	-88	60	130	
2022/23-6	Lab	LCS, RPD	6/12/2023	Organic	Ben-zo(a)pyrene	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	LCS	6/16/2023	Organic	Ben-zo(a)pyrene	n/a	=	16.4	µg/L	EPA 625.1	0.82	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Ben-zo(a)pyrene	n/a	=	82	%	EPA 625.1	-88	-88	32	148	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Ben-zo(a)pyrene	n/a	=	18.4	µg/L	EPA 625.1	0.82	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Ben-zo(a)pyrene	n/a	=	92	%	EPA 625.1	-88	-88	32	148	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Ben-zo(a)pyrene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Ben-zo(a)pyrene	n/a	<	0.82	µg/L	EPA 625.1	0.82	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS	6/16/2023	Organic	Benzo(a)pyrene	n/a	=	15.4	µg/L	EPA 625.1	0.82	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Benzo(a)pyrene	n/a	=	77	%	EPA 625.1	-88	-88	32	148	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Benzo(a)pyrene	n/a	=	16.7	µg/L	EPA 625.1	0.82	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Benzo(a)pyrene	n/a	=	83	%	EPA 625.1	-88	-88	32	148	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Benzo(a)pyrene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Benzo(a)pyrene	n/a	<	0.82	µg/L	EPA 625.1	0.82	1			
2022/23-6	Lab	method blank	6/20/2023	Organic	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Benzo(a)pyrene	n/a	=	0.771	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Benzo(a)pyrene	n/a	=	77	%	EPA 8270C	-88	-88	12	131	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Benzo(a)pyrene	n/a	=	0.697	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Benzo(a)pyrene	n/a	=	70	%	EPA 8270C	-88	-88	12	131	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Benzo(a)pyrene	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Benzo(a)pyrene	n/a	=	0.842	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Benzo(a)pyrene	n/a	=	84	%	EPA 8270C	-88	-88	12	131	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Benzo(a)pyrene	n/a	=	0.682	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Benzo(a)pyrene	n/a	=	68	%	EPA 8270C	-88	-88	12	131	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Benzo(a)pyrene	n/a	=	21	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Benzo(a)pyrene	n/a	=	19.3	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Benzo(a)pyrene	n/a	=	96	%	EPA 8270C	-88	-88	12	131	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Benzo(a)pyrene	n/a	=	15.6	µg/L	EPA 8270C	0.051	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Benzo(a)pyrene	n/a	=	78	%	EPA 8270C	-88	-88	12	131	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Benzo(a)pyrene	n/a	=	21	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Benzo(a)pyrene	n/a	<	0.045	µg/L	EPA 525.2	0.045	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Benzo(a)pyrene	n/a	=	4.87	µg/L	EPA 525.2	0.045	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Benzo(a)pyrene	n/a	=	97	%	EPA 525.2	-88	-88	60	130	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Benzo(a)pyrene	n/a	=	4.35	µg/L	EPA 525.2	0.045	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Benzo(a)pyrene	n/a	=	87	%	EPA 525.2	-88	-88	60	130	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Benzo(a)pyrene	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	Benzo(a)pyrene	n/a	=	20.6	µg/L	EPA 625.1	0.82	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Benzo(a)pyrene	n/a	=	103	%	EPA 625.1	-88	-88	32	148	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Benzo(a)pyrene	n/a	=	17.6	µg/L	EPA 625.1	0.82	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Benzo(a)pyrene	n/a	=	88	%	EPA 625.1	-88	-88	32	148	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Benzo(a)pyrene	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Benzo(a)pyrene	n/a	<	0.82	µg/L	EPA 625.1	0.82	1			
2022/23-6	Lab	method blank	6/8/2023	Organic	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS	6/8/2023	Organic	Benzo(b)fluoranthene	n/a	=	0.888	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS, rec	6/8/2023	Organic	Benzo(b)fluoranthene	n/a	=	89	%	EPA 8270C	-88	-88	19	129	
2022/23-6	Lab	LCS dup	6/8/2023	Organic	Benzo(b)fluoranthene	n/a	=	0.902	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS dup, rec	6/8/2023	Organic	Benzo(b)fluoranthene	n/a	=	90	%	EPA 8270C	-88	-88	19	129	
2022/23-6	Lab	LCS, RPD	6/8/2023	Organic	Benzo(b)fluoranthene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	Benzo(b)fluoranthene	n/a	=	20.2	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Benzo(b)fluoranthene	n/a	=	101	%	EPA 625.1	-88	-88	42	140	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Benzo(b)fluoranthene	n/a	=	18.6	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Benzo(b)fluoranthene	n/a	=	93	%	EPA 625.1	-88	-88	42	140	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Benzo(b)fluoranthene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	method blank	6/11/2023	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Benzo(b)fluoranthene	n/a	=	15.4	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Benzo(b)fluoranthene	n/a	=	77	%	EPA 625.1	-88	-88	42	140	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Benzo(b)fluoranthene	n/a	=	16.9	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Benzo(b)fluoranthene	n/a	=	84	%	EPA 625.1	-88	-88	42	140	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Benzo(b)fluoranthene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Benzo(b)fluoranthene	n/a	=	14.6	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Benzo(b)fluoranthene	n/a	=	73	%	EPA 625.1	-88	-88	42	140	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Benzo(b)fluoranthene	n/a	=	15.9	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Benzo(b)fluoranthene	n/a	=	80	%	EPA 625.1	-88	-88	42	140	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Benzo(b)fluoranthene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	method blank	6/20/2023	Organic	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Benzo(b)fluoranthene	n/a	=	0.76	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Benzo(b)fluoranthene	n/a	=	76	%	EPA 8270C	-88	-88	19	129	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Benzo(b)fluoranthene	n/a	=	0.681	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Benzo(b)fluoranthene	n/a	=	68	%	EPA 8270C	-88	-88	19	129	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Benzo(b)fluoranthene	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Benzo(b)fluoranthene	n/a	=	0.872	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Benzo(b)fluoranthene	n/a	=	87	%	EPA 8270C	-88	-88	19	129	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Benzo(b)fluoranthene	n/a	=	0.697	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Benzo(b)fluoranthene	n/a	=	70	%	EPA 8270C	-88	-88	19	129	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Benzo(b)fluoranthene	n/a	=	22	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Benzo(b)fluoranthene	n/a	=	19.8	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Benzo(b)fluoranthene	n/a	=	99	%	EPA 8270C	-88	-88	19	129	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Benzo(b)fluoranthene	n/a	=	15.7	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Benzo(b)fluoranthene	n/a	=	78	%	EPA 8270C	-88	-88	19	129	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Benzo(b)fluoranthene	n/a	=	23	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	Benzo(b)fluoranthene	n/a	=	20.8	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Benzo(b)fluoranthene	n/a	=	104	%	EPA 625.1	-88	-88	42	140	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Benzo(b)fluoranthene	n/a	=	17.5	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Benzo(b)fluoranthene	n/a	=	88	%	EPA 625.1	-88	-88	42	140	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Benzo(b)fluoranthene	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	method blank	6/8/2023	Organic	Benzo(e)pyrene	n/a	<	0.055	µg/L	EPA 8270C	0.055	0.1			
2022/23-6	Lab	LCS	6/8/2023	Organic	Benzo(e)pyrene	n/a	=	0.977	µg/L	EPA 8270C	0.055	0.1			
2022/23-6	Lab	LCS, rec	6/8/2023	Organic	Benzo(e)pyrene	n/a	=	98	%	EPA 8270C	-88	-88	0	200	
2022/23-6	Lab	LCS dup	6/8/2023	Organic	Benzo(e)pyrene	n/a	=	1.08	µg/L	EPA 8270C	0.055	0.1			
2022/23-6	Lab	LCS dup, rec	6/8/2023	Organic	Benzo(e)pyrene	n/a	=	108	%	EPA 8270C	-88	-88	0	200	
2022/23-6	Lab	LCS, RPD	6/8/2023	Organic	Benzo(e)pyrene	n/a	=	10	%	EPA 8270C	-88	-88	0	200	
2022/23-6	Lab	method blank	6/20/2023	Organic	Benzo(e)pyrene	n/a	<	0.055	µg/L	EPA 8270C	0.055	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Benzo(e)pyrene	n/a	=	0.931	µg/L	EPA 8270C	0.055	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Benzo(e)pyrene	n/a	=	93	%	EPA 8270C	-88	-88	0	200	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Benzo(e)pyrene	n/a	=	0.773	µg/L	EPA 8270C	0.055	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	
2022/23-6	Lab	LCS dup. rec	6/20/2023	Organic	Benzo(e)pyrene	n/a	=	77	%	EPA 8270C	-88	-88	0	200	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Benzo(e)pyrene	n/a	=	19	%	EPA 8270C	-88	-88	0	200	
2022/23-6	Lab	method blank	6/8/2023	Organic	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1			
2022/23-6	Lab	LCS	6/8/2023	Organic	Benzo(g,h,i)perylene	n/a	=	0.801	µg/L	EPA 8270C	0.05	0.1			
2022/23-6	Lab	LCS, rec	6/8/2023	Organic	Benzo(g,h,i)perylene	n/a	=	80	%	EPA 8270C	-88	-88	14	139	
2022/23-6	Lab	LCS dup	6/8/2023	Organic	Benzo(g,h,i)perylene	n/a	=	0.839	µg/L	EPA 8270C	0.05	0.1			
2022/23-6	Lab	LCS dup. rec	6/8/2023	Organic	Benzo(g,h,i)perylene	n/a	=	84	%	EPA 8270C	-88	-88	14	139	
2022/23-6	Lab	LCS, RPD	6/8/2023	Organic	Benzo(g,h,i)perylene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	Benzo(g,h,i)perylene	n/a	=	22.1	µg/L	EPA 625.1	0.42	2			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Benzo(g,h,i)perylene	n/a	=	110	%	EPA 625.1	-88	-88	0.1	195	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Benzo(g,h,i)perylene	n/a	=	20.8	µg/L	EPA 625.1	0.42	2			
2022/23-6	Lab	LCS dup. rec	6/11/2023	Organic	Benzo(g,h,i)perylene	n/a	=	104	%	EPA 625.1	-88	-88	0.1	195	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Benzo(g,h,i)perylene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2022/23-6	Lab	LCS	6/16/2023	Organic	Benzo(g,h,i)perylene	n/a	=	15.8	µg/L	EPA 625.1	0.42	2			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Benzo(g,h,i)perylene	n/a	=	79	%	EPA 625.1	-88	-88	0.1	195	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Benzo(g,h,i)perylene	n/a	=	18	µg/L	EPA 625.1	0.42	2			
2022/23-6	Lab	LCS dup. rec	6/16/2023	Organic	Benzo(g,h,i)perylene	n/a	=	90	%	EPA 625.1	-88	-88	0.1	195	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Benzo(g,h,i)perylene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2022/23-6	Lab	LCS	6/16/2023	Organic	Benzo(g,h,i)perylene	n/a	=	13.9	µg/L	EPA 625.1	0.42	2			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Benzo(g,h,i)perylene	n/a	=	70	%	EPA 625.1	-88	-88	0.1	195	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Benzo(g,h,i)perylene	n/a	=	15.6	µg/L	EPA 625.1	0.42	2			
2022/23-6	Lab	LCS dup. rec	6/16/2023	Organic	Benzo(g,h,i)perylene	n/a	=	78	%	EPA 625.1	-88	-88	0.1	195	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Benzo(g,h,i)perylene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2022/23-6	Lab	method blank	6/20/2023	Organic	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Benzo(g,h,i)perylene	n/a	=	0.793	µg/L	EPA 8270C	0.05	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Benzo(g,h,i)perylene	n/a	=	79	%	EPA 8270C	-88	-88	14	139	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Benzo(g,h,i)perylene	n/a	=	0.734	µg/L	EPA 8270C	0.05	0.1			
2022/23-6	Lab	LCS dup. rec	6/20/2023	Organic	Benzo(g,h,i)perylene	n/a	=	73	%	EPA 8270C	-88	-88	14	139	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Benzo(g,h,i)perylene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Benzo(g,h,i)perylene	n/a	=	0.816	µg/L	EPA 8270C	0.05	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Benzo(g,h,i)perylene	n/a	=	82	%	EPA 8270C	-88	-88	14	139	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Benzo(g,h,i)perylene	n/a	=	0.666	µg/L	EPA 8270C	0.05	0.1			
2022/23-6	Lab	LCS dup. rec	6/20/2023	Organic	Benzo(g,h,i)perylene	n/a	=	67	%	EPA 8270C	-88	-88	14	139	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Benzo(g,h,i)perylene	n/a	=	20	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Benzo(g,h,i)perylene	n/a	=	17.6	µg/L	EPA 8270C	0.05	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Benzo(g,h,i)perylene	n/a	=	88	%	EPA 8270C	-88	-88	14	139	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Benzo(g,h,i)perylene	n/a	=	14.9	µg/L	EPA 8270C	0.05	0.1			
2022/23-6	Lab	LCS dup. rec	6/20/2023	Organic	Benzo(g,h,i)perylene	n/a	=	74	%	EPA 8270C	-88	-88	14	139	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Benzo(g,h,i)perylene	n/a	=	17	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	Benzo(g,h,i)perylene	n/a	=	19.1	µg/L	EPA 625.1	0.42	2			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Benzo(g,h,i)perylene	n/a	=	96	%	EPA 625.1	-88	-88	0.1	195	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Benzo(g,h,i)perylene	n/a	=	16.3	µg/L	EPA 625.1	0.42	2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS dup. rec	6/23/2023	Organic	Benzo(g,h,i)perylene	n/a	=	82	%	EPA 625.1	-88	-88	0.1	195	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Benzo(g,h,i)perylene	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2022/23-6	Lab	method blank	6/8/2023	Organic	Benzo(k)fluoranthene	n/a	<	0.059	µg/L	EPA 8270C	0.059	0.1			
2022/23-6	Lab	LCS	6/8/2023	Organic	Benzo(k)fluoranthene	n/a	=	0.836	µg/L	EPA 8270C	0.059	0.1			
2022/23-6	Lab	LCS, rec	6/8/2023	Organic	Benzo(k)fluoranthene	n/a	=	84	%	EPA 8270C	-88	-88	22	127	
2022/23-6	Lab	LCS dup	6/8/2023	Organic	Benzo(k)fluoranthene	n/a	=	0.795	µg/L	EPA 8270C	0.059	0.1			
2022/23-6	Lab	LCS dup. rec	6/8/2023	Organic	Benzo(k)fluoranthene	n/a	=	80	%	EPA 8270C	-88	-88	22	127	
2022/23-6	Lab	LCS, RPD	6/8/2023	Organic	Benzo(k)fluoranthene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	Benzo(k)fluoranthene	n/a	=	20.3	µg/L	EPA 625.1	0.72	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Benzo(k)fluoranthene	n/a	=	101	%	EPA 625.1	-88	-88	25	146	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Benzo(k)fluoranthene	n/a	=	19	µg/L	EPA 625.1	0.72	1			
2022/23-6	Lab	LCS dup. rec	6/11/2023	Organic	Benzo(k)fluoranthene	n/a	=	95	%	EPA 625.1	-88	-88	25	146	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Benzo(k)fluoranthene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Benzo(k)fluoranthene	n/a	<	0.72	µg/L	EPA 625.1	0.72	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Benzo(k)fluoranthene	n/a	=	14.7	µg/L	EPA 625.1	0.72	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Benzo(k)fluoranthene	n/a	=	74	%	EPA 625.1	-88	-88	25	146	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Benzo(k)fluoranthene	n/a	=	17.2	µg/L	EPA 625.1	0.72	1			
2022/23-6	Lab	LCS dup. rec	6/16/2023	Organic	Benzo(k)fluoranthene	n/a	=	86	%	EPA 625.1	-88	-88	25	146	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Benzo(k)fluoranthene	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Benzo(k)fluoranthene	n/a	<	0.72	µg/L	EPA 625.1	0.72	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Benzo(k)fluoranthene	n/a	=	14.2	µg/L	EPA 625.1	0.72	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Benzo(k)fluoranthene	n/a	=	71	%	EPA 625.1	-88	-88	25	146	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Benzo(k)fluoranthene	n/a	=	15.8	µg/L	EPA 625.1	0.72	1			
2022/23-6	Lab	LCS dup. rec	6/16/2023	Organic	Benzo(k)fluoranthene	n/a	=	79	%	EPA 625.1	-88	-88	25	146	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Benzo(k)fluoranthene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Benzo(k)fluoranthene	n/a	<	0.72	µg/L	EPA 625.1	0.72	1			
2022/23-6	Lab	method blank	6/20/2023	Organic	Benzo(k)fluoranthene	n/a	<	0.059	µg/L	EPA 8270C	0.059	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Benzo(k)fluoranthene	n/a	=	0.818	µg/L	EPA 8270C	0.059	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Benzo(k)fluoranthene	n/a	=	82	%	EPA 8270C	-88	-88	22	127	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Benzo(k)fluoranthene	n/a	=	0.746	µg/L	EPA 8270C	0.059	0.1			
2022/23-6	Lab	LCS dup. rec	6/20/2023	Organic	Benzo(k)fluoranthene	n/a	=	75	%	EPA 8270C	-88	-88	22	127	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Benzo(k)fluoranthene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Benzo(k)fluoranthene	n/a	<	0.059	µg/L	EPA 8270C	0.059	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Benzo(k)fluoranthene	n/a	=	0.882	µg/L	EPA 8270C	0.059	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Benzo(k)fluoranthene	n/a	=	88	%	EPA 8270C	-88	-88	22	127	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Benzo(k)fluoranthene	n/a	=	0.722	µg/L	EPA 8270C	0.059	0.1			
2022/23-6	Lab	LCS dup. rec	6/20/2023	Organic	Benzo(k)fluoranthene	n/a	=	72	%	EPA 8270C	-88	-88	22	127	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Benzo(k)fluoranthene	n/a	=	20	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Benzo(k)fluoranthene	n/a	<	0.059	µg/L	EPA 8270C	0.059	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Benzo(k)fluoranthene	n/a	=	18.1	µg/L	EPA 8270C	0.059	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Benzo(k)fluoranthene	n/a	=	90	%	EPA 8270C	-88	-88	22	127	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Benzo(k)fluoranthene	n/a	=	15	µg/L	EPA 8270C	0.059	0.1			
2022/23-6	Lab	LCS dup. rec	6/20/2023	Organic	Benzo(k)fluoranthene	n/a	=	75	%	EPA 8270C	-88	-88	22	127	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Benzo(k)fluoranthene	n/a	=	19	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	Benzo(k)fluoranthene	n/a	=	17.5	µg/L	EPA 625.1	0.72	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Benzo(k)fluoranthene	n/a	=	88	%	EPA 625.1	-88	-88	25	146	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Benzo(k)fluoranthene	n/a	=	14.6	µg/L	EPA 625.1	0.72	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Benzo(k)fluoranthene	n/a	=	73	%	EPA 625.1	-88	-88	25	146	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Benzo(k)fluoranthene	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Benzo(k)fluoranthene	n/a	<	0.72	µg/L	EPA 625.1	0.72	1			
2022/23-6	Lab	LCS	6/11/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	13.8	µg/L	EPA 625.1	0.25	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	69	%	EPA 625.1	-88	-88	49	165	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	13.6	µg/L	EPA 625.1	0.25	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	68	%	EPA 625.1	-88	-88	49	165	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	13.1	µg/L	EPA 625.1	0.25	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	66	%	EPA 625.1	-88	-88	49	165	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	14.3	µg/L	EPA 625.1	0.25	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	71	%	EPA 625.1	-88	-88	49	165	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	10.7	µg/L	EPA 625.1	0.25	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	54	%	EPA 625.1	-88	-88	49	165	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	13.4	µg/L	EPA 625.1	0.25	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	67	%	EPA 625.1	-88	-88	49	165	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	22	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	15.7	µg/L	EPA 625.1	0.25	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	79	%	EPA 625.1	-88	-88	49	165	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	12.7	µg/L	EPA 625.1	0.25	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	64	%	EPA 625.1	-88	-88	49	165	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Bis(2-chloroethoxy)methane	n/a	=	21	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-6	Lab	LCS	6/11/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	11.9	µg/L	EPA 625.1	0.27	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	60	%	EPA 625.1	-88	-88	43	126	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	12.1	µg/L	EPA 625.1	0.27	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	60	%	EPA 625.1	-88	-88	43	126	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	11.8	µg/L	EPA 625.1	0.27	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	59	%	EPA 625.1	-88	-88	43	126	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	13	µg/L	EPA 625.1	0.27	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	65	%	EPA 625.1	-88	-88	43	126	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	8.59	µg/L	EPA 625.1	0.27	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	43	%	EPA 625.1	-88	-88	43	126	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	11.3	µg/L	EPA 625.1	0.27	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	56	%	EPA 625.1	-88	-88	43	126	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	27	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	13.7	µg/L	EPA 625.1	0.27	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	69	%	EPA 625.1	-88	-88	43	126	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	11.3	µg/L	EPA 625.1	0.27	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	57	%	EPA 625.1	-88	-88	43	126	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Bis(2-chloroethyl)ether	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-6	Lab	LCS	6/11/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	11.4	µg/L	EPA 625.1	0.38	1			EUM
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	57	%	EPA 625.1	-88	-88	63	139	EUM
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	11.5	µg/L	EPA 625.1	0.38	1			EUM
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	58	%	EPA 625.1	-88	-88	63	139	EUM
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	1	%	EPA 625.1	-88	-88	0	30	EUM
2022/23-6	Lab	method blank	6/11/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	11.4	µg/L	EPA 625.1	0.38	1			EUM
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	57	%	EPA 625.1	-88	-88	63	139	EUM
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	12.8	µg/L	EPA 625.1	0.38	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	64	%	EPA 625.1	-88	-88	63	139	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	8.55	µg/L	EPA 625.1	0.38	1			EUM
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	43	%	EPA 625.1	-88	-88	63	139	EUM
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	11.4	µg/L	EPA 625.1	0.38	1			EUM
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	57	%	EPA 625.1	-88	-88	63	139	EUM
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	28	%	EPA 625.1	-88	-88	0	30	EUM
2022/23-6	Lab	method blank	6/16/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	15.4	µg/L	EPA 625.1	0.38	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	77	%	EPA 625.1	-88	-88	63	139	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	12.5	µg/L	EPA 625.1	0.38	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	63	%	EPA 625.1	-88	-88	63	139	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	=	21	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-6	Lab	method blank	6/5/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.38	µg/L	EPA 525.2	0.38	5			
2022/23-6	Lab	LCS	6/5/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.56	µg/L	EPA 525.2	0.38	5			
2022/23-6	Lab	LCS, rec	6/5/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/5/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.66	µg/L	EPA 525.2	0.38	5			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.38	µg/L	EPA 525.2	0.38	5			
2022/23-6	Lab	LCS	6/6/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.74	µg/L	EPA 525.2	0.38	5			
2022/23-6	Lab	LCS, rec	6/6/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/6/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.73	µg/L	EPA 525.2	0.38	5			
2022/23-6	Lab	LCS dup, rec	6/6/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/6/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	0.04	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/12/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.38	µg/L	EPA 525.2	0.38	5			
2022/23-6	Lab	LCS	6/12/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.81	µg/L	EPA 525.2	0.38	5			
2022/23-6	Lab	LCS, rec	6/12/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/12/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.88	µg/L	EPA 525.2	0.38	5			
2022/23-6	Lab	LCS dup, rec	6/12/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/12/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	method blank	6/20/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.38	µg/L	EPA 525.2	0.38	5			
2022/23-6	Lab	LCS	6/20/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.41	µg/L	EPA 525.2	0.38	5			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	88	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.32	µg/L	EPA 525.2	0.38	5			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	86	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Bis(2-ethylhexyl)adipate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2022/23-6	Lab	LCS	6/5/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.71	µg/L	EPA 525.2	0.41	3			
2022/23-6	Lab	LCS, rec	6/5/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/5/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.95	µg/L	EPA 525.2	0.41	3			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2022/23-6	Lab	LCS	6/6/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.68	µg/L	EPA 525.2	0.41	3			
2022/23-6	Lab	LCS, rec	6/6/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/6/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.95	µg/L	EPA 525.2	0.41	3			
2022/23-6	Lab	LCS dup, rec	6/6/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/6/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	20.7	µg/L	EPA 625.1	2.3	5			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	104	%	EPA 625.1	-88	-88	29	137	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	18.9	µg/L	EPA 625.1	2.3	5			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	95	%	EPA 625.1	-88	-88	29	137	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2022/23-6	Lab	method blank	6/12/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2022/23-6	Lab	LCS	6/12/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.03	µg/L	EPA 525.2	0.41	3			
2022/23-6	Lab	LCS, rec	6/12/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/12/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.92	µg/L	EPA 525.2	0.41	3			
2022/23-6	Lab	LCS dup, rec	6/12/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/12/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	LCS	6/14/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	20.5	µg/L	EPA 625.1	2.3	5			
2022/23-6	Lab	LCS, rec	6/14/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	102	%	EPA 625.1	-88	-88	29	137	
2022/23-6	Lab	LCS dup	6/14/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	18.9	µg/L	EPA 625.1	2.3	5			
2022/23-6	Lab	LCS dup, rec	6/14/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	94	%	EPA 625.1	-88	-88	29	137	
2022/23-6	Lab	LCS, RPD	6/14/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/14/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2022/23-6	Lab	LCS	6/16/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	16.3	µg/L	EPA 625.1	2.3	5			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	81	%	EPA 625.1	-88	-88	29	137	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	17.3	µg/L	EPA 625.1	2.3	5			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	87	%	EPA 625.1	-88	-88	29	137	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2022/23-6	Lab	LCS	6/16/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	15.2	µg/L	EPA 625.1	2.3	5			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	76	%	EPA 625.1	-88	-88	29	137	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	16.1	µg/L	EPA 625.1	2.3	5			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	80	%	EPA 625.1	-88	-88	29	137	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6	%	EPA 625.1	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	method blank	6/16/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	3.4	µg/L	EPA 625.1	2.3	5			IP
2022/23-6	Lab	method blank	6/20/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2022/23-6	Lab	LCS	6/20/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.41	µg/L	EPA 525.2	0.41	3			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	88	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.32	µg/L	EPA 525.2	0.41	3			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	86	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	25.2	µg/L	EPA 625.1	2.3	5			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	126	%	EPA 625.1	-88	-88	29	137	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	16.7	µg/L	EPA 625.1	2.3	5			IL
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	84	%	EPA 625.1	-88	-88	29	137	IL
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	40	%	EPA 625.1	-88	-88	0	30	IL
2022/23-6	Lab	method blank	6/23/2023	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2022/23-6	Lab	LCS	6/11/2023	Organic	Butyl benzyl phthalate	n/a	=	19.7	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Butyl benzyl phthalate	n/a	=	99	%	EPA 625.1	-88	-88	0.1	140	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Butyl benzyl phthalate	n/a	=	17.6	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Butyl benzyl phthalate	n/a	=	88	%	EPA 625.1	-88	-88	0.1	140	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Butyl benzyl phthalate	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Butyl benzyl phthalate	n/a	=	15.2	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Butyl benzyl phthalate	n/a	=	76	%	EPA 625.1	-88	-88	0.1	140	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Butyl benzyl phthalate	n/a	=	16.3	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Butyl benzyl phthalate	n/a	=	81	%	EPA 625.1	-88	-88	0.1	140	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Butyl benzyl phthalate	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Butyl benzyl phthalate	n/a	=	14.3	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Butyl benzyl phthalate	n/a	=	71	%	EPA 625.1	-88	-88	0.1	140	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Butyl benzyl phthalate	n/a	=	15.2	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Butyl benzyl phthalate	n/a	=	76	%	EPA 625.1	-88	-88	0.1	140	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Butyl benzyl phthalate	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	Butyl benzyl phthalate	n/a	=	19.8	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Butyl benzyl phthalate	n/a	=	99	%	EPA 625.1	-88	-88	0.1	140	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Butyl benzyl phthalate	n/a	=	15.7	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Butyl benzyl phthalate	n/a	=	79	%	EPA 625.1	-88	-88	0.1	140	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Butyl benzyl phthalate	n/a	=	23	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	method blank	6/8/2023	Organic	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS	6/8/2023	Organic	Chrysene	n/a	=	0.852	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS, rec	6/8/2023	Organic	Chrysene	n/a	=	85	%	EPA 8270C	-88	-88	32	126	
2022/23-6	Lab	LCS dup	6/8/2023	Organic	Chrysene	n/a	=	0.834	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS dup, rec	6/8/2023	Organic	Chrysene	n/a	=	83	%	EPA 8270C	-88	-88	32	126	
2022/23-6	Lab	LCS, RPD	6/8/2023	Organic	Chrysene	n/a	=	2	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	Chrysene	n/a	=	19.1	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Chrysene	n/a	=	95	%	EPA 625.1	-88	-88	44	140	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Chrysene	n/a	=	17.6	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Chrysene	n/a	=	88	%	EPA 625.1	-88	-88	44	140	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Chrysene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Chrysene	n/a	=	13.7	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Chrysene	n/a	=	68	%	EPA 625.1	-88	-88	44	140	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Chrysene	n/a	=	16.4	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Chrysene	n/a	=	82	%	EPA 625.1	-88	-88	44	140	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Chrysene	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Chrysene	n/a	=	13.6	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Chrysene	n/a	=	68	%	EPA 625.1	-88	-88	44	140	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Chrysene	n/a	=	15.3	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Chrysene	n/a	=	76	%	EPA 625.1	-88	-88	44	140	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Chrysene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	method blank	6/20/2023	Organic	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Chrysene	n/a	=	0.728	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Chrysene	n/a	=	73	%	EPA 8270C	-88	-88	32	126	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Chrysene	n/a	=	0.688	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Chrysene	n/a	=	69	%	EPA 8270C	-88	-88	32	126	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Chrysene	n/a	=	6	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Chrysene	n/a	=	0.838	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Chrysene	n/a	=	84	%	EPA 8270C	-88	-88	32	126	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Chrysene	n/a	=	0.685	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Chrysene	n/a	=	68	%	EPA 8270C	-88	-88	32	126	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Chrysene	n/a	=	20	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Chrysene	n/a	=	15.4	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Chrysene	n/a	=	77	%	EPA 8270C	-88	-88	32	126	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Chrysene	n/a	=	13.2	µg/L	EPA 8270C	0.074	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Chrysene	n/a	=	66	%	EPA 8270C	-88	-88	32	126	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Chrysene	n/a	=	15	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	Chrysene	n/a	=	19	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Chrysene	n/a	=	95	%	EPA 625.1	-88	-88	44	140	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Chrysene	n/a	=	15.6	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Chrysene	n/a	=	78	%	EPA 625.1	-88	-88	44	140	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Chrysene	n/a	=	20	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	method blank	6/8/2023	Organic	Dibenz(a,h)anthracene	n/a	<	0.081	µg/L	EPA 8270C	0.081	0.1			
2022/23-6	Lab	LCS	6/8/2023	Organic	Dibenz(a,h)anthracene	n/a	=	0.795	µg/L	EPA 8270C	0.081	0.1			
2022/23-6	Lab	LCS, rec	6/8/2023	Organic	Dibenz(a,h)anthracene	n/a	=	79	%	EPA 8270C	-88	-88	9	147	
2022/23-6	Lab	LCS dup	6/8/2023	Organic	Dibenz(a,h)anthracene	n/a	=	1.21	µg/L	EPA 8270C	0.081	0.1			IL
2022/23-6	Lab	LCS dup, rec	6/8/2023	Organic	Dibenz(a,h)anthracene	n/a	=	121	%	EPA 8270C	-88	-88	9	147	IL
2022/23-6	Lab	LCS, RPD	6/8/2023	Organic	Dibenz(a,h)anthracene	n/a	=	42	%	EPA 8270C	-88	-88	0	30	IL
2022/23-6	Lab	LCS	6/11/2023	Organic	Dibenz(a,h)anthracene	n/a	=	21.7	µg/L	EPA 625.1	0.6	2			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Dibenz(a,h)anthracene	n/a	=	109	%	EPA 625.1	-88	-88	0.1	200	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Dibenz(a,h)anthracene	n/a	=	20.5	µg/L	EPA 625.1	0.6	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	
2022/23-6	Lab	LCS dup. rec	6/11/2023	Organic	Dibenz(a,h)anthracene	n/a	=	103	%	EPA 625.1	-88	-88	0.1	200	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Dibenz(a,h)anthracene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Dibenz(a,h)anthracene	n/a	<	0.6	µg/L	EPA 625.1	0.6	2			
2022/23-6	Lab	LCS	6/16/2023	Organic	Dibenz(a,h)anthracene	n/a	=	15.8	µg/L	EPA 625.1	0.6	2			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Dibenz(a,h)anthracene	n/a	=	79	%	EPA 625.1	-88	-88	0.1	200	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Dibenz(a,h)anthracene	n/a	=	18.4	µg/L	EPA 625.1	0.6	2			
2022/23-6	Lab	LCS dup. rec	6/16/2023	Organic	Dibenz(a,h)anthracene	n/a	=	92	%	EPA 625.1	-88	-88	0.1	200	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Dibenz(a,h)anthracene	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Dibenz(a,h)anthracene	n/a	<	0.6	µg/L	EPA 625.1	0.6	2			
2022/23-6	Lab	LCS	6/16/2023	Organic	Dibenz(a,h)anthracene	n/a	=	14.6	µg/L	EPA 625.1	0.6	2			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Dibenz(a,h)anthracene	n/a	=	73	%	EPA 625.1	-88	-88	0.1	200	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Dibenz(a,h)anthracene	n/a	=	16.1	µg/L	EPA 625.1	0.6	2			
2022/23-6	Lab	LCS dup. rec	6/16/2023	Organic	Dibenz(a,h)anthracene	n/a	=	81	%	EPA 625.1	-88	-88	0.1	200	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Dibenz(a,h)anthracene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Dibenz(a,h)anthracene	n/a	<	0.6	µg/L	EPA 625.1	0.6	2			
2022/23-6	Lab	method blank	6/20/2023	Organic	Dibenz(a,h)anthracene	n/a	<	0.081	µg/L	EPA 8270C	0.081	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Dibenz(a,h)anthracene	n/a	=	0.84	µg/L	EPA 8270C	0.081	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Dibenz(a,h)anthracene	n/a	=	84	%	EPA 8270C	-88	-88	9	147	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Dibenz(a,h)anthracene	n/a	=	0.767	µg/L	EPA 8270C	0.081	0.1			
2022/23-6	Lab	LCS dup. rec	6/20/2023	Organic	Dibenz(a,h)anthracene	n/a	=	77	%	EPA 8270C	-88	-88	9	147	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Dibenz(a,h)anthracene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Dibenz(a,h)anthracene	n/a	<	0.081	µg/L	EPA 8270C	0.081	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Dibenz(a,h)anthracene	n/a	=	0.902	µg/L	EPA 8270C	0.081	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Dibenz(a,h)anthracene	n/a	=	90	%	EPA 8270C	-88	-88	9	147	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Dibenz(a,h)anthracene	n/a	=	0.744	µg/L	EPA 8270C	0.081	0.1			
2022/23-6	Lab	LCS dup. rec	6/20/2023	Organic	Dibenz(a,h)anthracene	n/a	=	74	%	EPA 8270C	-88	-88	9	147	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Dibenz(a,h)anthracene	n/a	=	19	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Dibenz(a,h)anthracene	n/a	<	0.081	µg/L	EPA 8270C	0.081	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Dibenz(a,h)anthracene	n/a	=	13.1	µg/L	EPA 8270C	0.081	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Dibenz(a,h)anthracene	n/a	=	65	%	EPA 8270C	-88	-88	9	147	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Dibenz(a,h)anthracene	n/a	=	11.7	µg/L	EPA 8270C	0.081	0.1			
2022/23-6	Lab	LCS dup. rec	6/20/2023	Organic	Dibenz(a,h)anthracene	n/a	=	59	%	EPA 8270C	-88	-88	9	147	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Dibenz(a,h)anthracene	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	Dibenz(a,h)anthracene	n/a	=	19.6	µg/L	EPA 625.1	0.6	2			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Dibenz(a,h)anthracene	n/a	=	98	%	EPA 625.1	-88	-88	0.1	200	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Dibenz(a,h)anthracene	n/a	=	16.4	µg/L	EPA 625.1	0.6	2			
2022/23-6	Lab	LCS dup. rec	6/23/2023	Organic	Dibenz(a,h)anthracene	n/a	=	82	%	EPA 625.1	-88	-88	0.1	200	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Dibenz(a,h)anthracene	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Dibenz(a,h)anthracene	n/a	<	0.6	µg/L	EPA 625.1	0.6	2			
2022/23-6	Lab	LCS	6/11/2023	Organic	Diethyl phthalate	n/a	=	17.9	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Diethyl phthalate	n/a	=	90	%	EPA 625.1	-88	-88	0.1	120	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Diethyl phthalate	n/a	=	16.5	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS dup. rec	6/11/2023	Organic	Diethyl phthalate	n/a	=	83	%	EPA 625.1	-88	-88	0.1	120	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Diethyl phthalate	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Diethyl phthalate	n/a	=	13.4	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Diethyl phthalate	n/a	=	67	%	EPA 625.1	-88	-88	0.1	120	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Diethyl phthalate	n/a	=	14.3	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Diethyl phthalate	n/a	=	72	%	EPA 625.1	-88	-88	0.1	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Diethyl phthalate	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Diethyl phthalate	n/a	=	12.6	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Diethyl phthalate	n/a	=	63	%	EPA 625.1	-88	-88	0.1	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Diethyl phthalate	n/a	=	13.6	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Diethyl phthalate	n/a	=	68	%	EPA 625.1	-88	-88	0.1	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Diethyl phthalate	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	Diethyl phthalate	n/a	=	16.6	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Diethyl phthalate	n/a	=	83	%	EPA 625.1	-88	-88	0.1	120	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Diethyl phthalate	n/a	=	13.4	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Diethyl phthalate	n/a	=	67	%	EPA 625.1	-88	-88	0.1	120	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Diethyl phthalate	n/a	=	21	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS	6/11/2023	Organic	Dimethyl phthalate	n/a	=	19.9	µg/L	EPA 625.1	0.18	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Dimethyl phthalate	n/a	=	99	%	EPA 625.1	-88	-88	0.1	120	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Dimethyl phthalate	n/a	=	19.3	µg/L	EPA 625.1	0.18	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Dimethyl phthalate	n/a	=	96	%	EPA 625.1	-88	-88	0.1	120	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Dimethyl phthalate	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Dimethyl phthalate	n/a	=	14.2	µg/L	EPA 625.1	0.18	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Dimethyl phthalate	n/a	=	71	%	EPA 625.1	-88	-88	0.1	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Dimethyl phthalate	n/a	=	15.9	µg/L	EPA 625.1	0.18	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Dimethyl phthalate	n/a	=	79	%	EPA 625.1	-88	-88	0.1	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Dimethyl phthalate	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Dimethyl phthalate	n/a	=	13.5	µg/L	EPA 625.1	0.18	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Dimethyl phthalate	n/a	=	67	%	EPA 625.1	-88	-88	0.1	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Dimethyl phthalate	n/a	=	14.6	µg/L	EPA 625.1	0.18	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Dimethyl phthalate	n/a	=	73	%	EPA 625.1	-88	-88	0.1	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Dimethyl phthalate	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	Dimethyl phthalate	n/a	=	18.3	µg/L	EPA 625.1	0.18	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Dimethyl phthalate	n/a	=	92	%	EPA 625.1	-88	-88	0.1	120	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Dimethyl phthalate	n/a	=	14.2	µg/L	EPA 625.1	0.18	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Dimethyl phthalate	n/a	=	71	%	EPA 625.1	-88	-88	0.1	120	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Dimethyl phthalate	n/a	=	26	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2022/23-6	Lab	LCS	6/11/2023	Organic	Di-n-butylphthalate	n/a	=	19.1	µg/L	EPA 625.1	0.34	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Di-n-butylphthalate	n/a	=	95	%	EPA 625.1	-88	-88	8	120	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Di-n-butylphthalate	n/a	=	18.2	µg/L	EPA 625.1	0.34	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Di-n-butylphthalate	n/a	=	91	%	EPA 625.1	-88	-88	8	120	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Di-n-butylphthalate	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Di-n-butylphthalate	n/a	=	16.1	µg/L	EPA 625.1	0.34	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Di-n-butylphthalate	n/a	=	80	%	EPA 625.1	-88	-88	8	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Di-n-butylphthalate	n/a	=	17.2	µg/L	EPA 625.1	0.34	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Di-n-butylphthalate	n/a	=	86	%	EPA 625.1	-88	-88	8	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Di-n-butylphthalate	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Di-n-butylphthalate	n/a	=	14.8	µg/L	EPA 625.1	0.34	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Di-n-butylphthalate	n/a	=	74	%	EPA 625.1	-88	-88	8	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Di-n-butylphthalate	n/a	=	15.9	µg/L	EPA 625.1	0.34	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Di-n-butylphthalate	n/a	=	79	%	EPA 625.1	-88	-88	8	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Di-n-butylphthalate	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	Di-n-butylphthalate	n/a	=	16.9	µg/L	EPA 625.1	0.34	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Di-n-butylphthalate	n/a	=	85	%	EPA 625.1	-88	-88	8	120	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Di-n-butylphthalate	n/a	=	13.8	µg/L	EPA 625.1	0.34	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Di-n-butylphthalate	n/a	=	69	%	EPA 625.1	-88	-88	8	120	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Di-n-butylphthalate	n/a	=	20	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1			
2022/23-6	Lab	LCS	6/11/2023	Organic	Di-n-octylphthalate	n/a	=	20.9	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Di-n-octylphthalate	n/a	=	104	%	EPA 625.1	-88	-88	19	132	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Di-n-octylphthalate	n/a	=	19.2	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Di-n-octylphthalate	n/a	=	96	%	EPA 625.1	-88	-88	19	132	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Di-n-octylphthalate	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Di-n-octylphthalate	n/a	=	16.4	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Di-n-octylphthalate	n/a	=	82	%	EPA 625.1	-88	-88	19	132	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Di-n-octylphthalate	n/a	=	18.6	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Di-n-octylphthalate	n/a	=	93	%	EPA 625.1	-88	-88	19	132	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Di-n-octylphthalate	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Di-n-octylphthalate	n/a	=	15.8	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Di-n-octylphthalate	n/a	=	79	%	EPA 625.1	-88	-88	19	132	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Di-n-octylphthalate	n/a	=	17.3	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Di-n-octylphthalate	n/a	=	86	%	EPA 625.1	-88	-88	19	132	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Di-n-octylphthalate	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	Di-n-octylphthalate	n/a	=	21.7	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Di-n-octylphthalate	n/a	=	108	%	EPA 625.1	-88	-88	19	132	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Di-n-octylphthalate	n/a	=	17.4	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Di-n-octylphthalate	n/a	=	87	%	EPA 625.1	-88	-88	19	132	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Di-n-octylphthalate	n/a	=	22	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-6	Lab	method blank	6/8/2023	Organic	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1			
2022/23-6	Lab	LCS	6/8/2023	Organic	Fluoranthene	n/a	=	0.926	µg/L	EPA 8270C	0.039	0.1			
2022/23-6	Lab	LCS, rec	6/8/2023	Organic	Fluoranthene	n/a	=	93	%	EPA 8270C	-88	-88	22	131	
2022/23-6	Lab	LCS dup	6/8/2023	Organic	Fluoranthene	n/a	=	1	µg/L	EPA 8270C	0.039	0.1			
2022/23-6	Lab	LCS dup, rec	6/8/2023	Organic	Fluoranthene	n/a	=	100	%	EPA 8270C	-88	-88	22	131	
2022/23-6	Lab	LCS, RPD	6/8/2023	Organic	Fluoranthene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS	6/11/2023	Organic	Fluoranthene	n/a	=	18.7	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Fluoranthene	n/a	=	94	%	EPA 625.1	-88	-88	43	121	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Fluoranthene	n/a	=	16.8	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Fluoranthene	n/a	=	84	%	EPA 625.1	-88	-88	43	121	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Fluoranthene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Fluoranthene	n/a	=	13.7	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Fluoranthene	n/a	=	69	%	EPA 625.1	-88	-88	43	121	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Fluoranthene	n/a	=	14.4	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Fluoranthene	n/a	=	72	%	EPA 625.1	-88	-88	43	121	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Fluoranthene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Fluoranthene	n/a	=	13.1	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Fluoranthene	n/a	=	65	%	EPA 625.1	-88	-88	43	121	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Fluoranthene	n/a	=	13.6	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Fluoranthene	n/a	=	68	%	EPA 625.1	-88	-88	43	121	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Fluoranthene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	method blank	6/20/2023	Organic	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Fluoranthene	n/a	=	0.713	µg/L	EPA 8270C	0.039	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Fluoranthene	n/a	=	71	%	EPA 8270C	-88	-88	22	131	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Fluoranthene	n/a	=	0.661	µg/L	EPA 8270C	0.039	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Fluoranthene	n/a	=	66	%	EPA 8270C	-88	-88	22	131	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Fluoranthene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Fluoranthene	n/a	=	0.852	µg/L	EPA 8270C	0.039	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Fluoranthene	n/a	=	85	%	EPA 8270C	-88	-88	22	131	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Fluoranthene	n/a	=	0.691	µg/L	EPA 8270C	0.039	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Fluoranthene	n/a	=	69	%	EPA 8270C	-88	-88	22	131	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Fluoranthene	n/a	=	21	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Fluoranthene	n/a	=	17.9	µg/L	EPA 8270C	0.039	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Fluoranthene	n/a	=	89	%	EPA 8270C	-88	-88	22	131	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Fluoranthene	n/a	=	14.5	µg/L	EPA 8270C	0.039	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Fluoranthene	n/a	=	72	%	EPA 8270C	-88	-88	22	131	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Fluoranthene	n/a	=	21	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	Fluoranthene	n/a	=	18.1	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Fluoranthene	n/a	=	90	%	EPA 625.1	-88	-88	43	121	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Fluoranthene	n/a	=	14.5	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Fluoranthene	n/a	=	72	%	EPA 625.1	-88	-88	43	121	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Fluoranthene	n/a	=	22	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	method blank	6/8/2023	Organic	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2022/23-6	Lab	LCS	6/8/2023	Organic	Fluorene	n/a	=	0.772	µg/L	EPA 8270C	0.029	0.1			
2022/23-6	Lab	LCS, rec	6/8/2023	Organic	Fluorene	n/a	=	77	%	EPA 8270C	-88	-88	19	122	
2022/23-6	Lab	LCS dup	6/8/2023	Organic	Fluorene	n/a	=	0.752	µg/L	EPA 8270C	0.029	0.1			
2022/23-6	Lab	LCS dup, rec	6/8/2023	Organic	Fluorene	n/a	=	75	%	EPA 8270C	-88	-88	19	122	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, RPD	6/8/2023	Organic	Fluorene	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	Fluorene	n/a	=	18.9	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Fluorene	n/a	=	94	%	EPA 625.1	-88	-88	70	120	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Fluorene	n/a	=	17.8	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Fluorene	n/a	=	89	%	EPA 625.1	-88	-88	70	120	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Fluorene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Fluorene	n/a	=	13.8	µg/L	EPA 625.1	0.35	1			EUM
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Fluorene	n/a	=	69	%	EPA 625.1	-88	-88	70	120	EUM
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Fluorene	n/a	=	15.6	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Fluorene	n/a	=	78	%	EPA 625.1	-88	-88	70	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Fluorene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Fluorene	n/a	=	13.1	µg/L	EPA 625.1	0.35	1			EUM
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Fluorene	n/a	=	66	%	EPA 625.1	-88	-88	70	120	EUM
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Fluorene	n/a	=	14.7	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Fluorene	n/a	=	73	%	EPA 625.1	-88	-88	70	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Fluorene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Fluorene	n/a	=	0.546	µg/L	EPA 8270C	0.029	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Fluorene	n/a	=	55	%	EPA 8270C	-88	-88	19	122	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Fluorene	n/a	=	0.626	µg/L	EPA 8270C	0.029	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Fluorene	n/a	=	63	%	EPA 8270C	-88	-88	19	122	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Fluorene	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Fluorene	n/a	=	0.874	µg/L	EPA 8270C	0.029	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Fluorene	n/a	=	87	%	EPA 8270C	-88	-88	19	122	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Fluorene	n/a	=	0.639	µg/L	EPA 8270C	0.029	0.1			IL
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Fluorene	n/a	=	64	%	EPA 8270C	-88	-88	19	122	IL
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Fluorene	n/a	=	31	%	EPA 8270C	-88	-88	0	30	IL
2022/23-6	Lab	method blank	6/20/2023	Organic	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Fluorene	n/a	=	16.2	µg/L	EPA 8270C	0.029	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Fluorene	n/a	=	81	%	EPA 8270C	-88	-88	19	122	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Fluorene	n/a	=	13.7	µg/L	EPA 8270C	0.029	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Fluorene	n/a	=	69	%	EPA 8270C	-88	-88	19	122	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Fluorene	n/a	=	16	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	Fluorene	n/a	=	17.3	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Fluorene	n/a	=	86	%	EPA 625.1	-88	-88	70	120	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Fluorene	n/a	=	14.7	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Fluorene	n/a	=	73	%	EPA 625.1	-88	-88	70	120	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Fluorene	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-6	Lab	LCS	6/11/2023	Organic	Hexachlorobenzene	n/a	=	18.4	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Hexachlorobenzene	n/a	=	92	%	EPA 625.1	-88	-88	8	142	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Hexachlorobenzene	n/a	=	17	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Hexachlorobenzene	n/a	=	85	%	EPA 625.1	-88	-88	8	142	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Hexachlorobenzene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Hexachlorobenzene	n/a	=	15	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Hexachlorobenzene	n/a	=	75	%	EPA 625.1	-88	-88	8	142	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Hexachlorobenzene	n/a	=	15.9	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Hexachlorobenzene	n/a	=	80	%	EPA 625.1	-88	-88	8	142	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Hexachlorobenzene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Hexachlorobenzene	n/a	=	14	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Hexachlorobenzene	n/a	=	70	%	EPA 625.1	-88	-88	8	142	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Hexachlorobenzene	n/a	=	15.2	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Hexachlorobenzene	n/a	=	76	%	EPA 625.1	-88	-88	8	142	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Hexachlorobenzene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	Hexachlorobenzene	n/a	=	17	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Hexachlorobenzene	n/a	=	85	%	EPA 625.1	-88	-88	8	142	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Hexachlorobenzene	n/a	=	14.6	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Hexachlorobenzene	n/a	=	73	%	EPA 625.1	-88	-88	8	142	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Hexachlorobenzene	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS	6/11/2023	Organic	Hexachlorobutadiene	n/a	=	16.9	µg/L	EPA 625.1	0.47	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Hexachlorobutadiene	n/a	=	84	%	EPA 625.1	-88	-88	38	120	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Hexachlorobutadiene	n/a	=	16.7	µg/L	EPA 625.1	0.47	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Hexachlorobutadiene	n/a	=	83	%	EPA 625.1	-88	-88	38	120	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Hexachlorobutadiene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Hexachlorobutadiene	n/a	=	14.6	µg/L	EPA 625.1	0.47	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Hexachlorobutadiene	n/a	=	73	%	EPA 625.1	-88	-88	38	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Hexachlorobutadiene	n/a	=	16.3	µg/L	EPA 625.1	0.47	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Hexachlorobutadiene	n/a	=	82	%	EPA 625.1	-88	-88	38	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Hexachlorobutadiene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Hexachlorobutadiene	n/a	=	11.2	µg/L	EPA 625.1	0.47	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Hexachlorobutadiene	n/a	=	56	%	EPA 625.1	-88	-88	38	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Hexachlorobutadiene	n/a	=	14.8	µg/L	EPA 625.1	0.47	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Hexachlorobutadiene	n/a	=	74	%	EPA 625.1	-88	-88	38	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Hexachlorobutadiene	n/a	=	27	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	Hexachlorobutadiene	n/a	=	15	µg/L	EPA 625.1	0.47	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Hexachlorobutadiene	n/a	=	75	%	EPA 625.1	-88	-88	38	120	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Hexachlorobutadiene	n/a	=	12.3	µg/L	EPA 625.1	0.47	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Hexachlorobutadiene	n/a	=	61	%	EPA 625.1	-88	-88	38	120	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Hexachlorobutadiene	n/a	=	20	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2022/23-6	Lab	method blank	6/5/2023	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2022/23-6	Lab	LCS	6/5/2023	Organic	Hexachlorocyclopentadiene	n/a	=	1.6	µg/L	EPA 525.2	0.092	1			
2022/23-6	Lab	LCS, rec	6/5/2023	Organic	Hexachlorocyclopentadiene	n/a	=	64	%	EPA 525.2	-88	-88	33	106	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS dup	6/5/2023	Organic	Hexachlorocyclopentadiene	n/a	=	1.68	µg/L	EPA 525.2	0.092	1			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Organic	Hexachlorocyclopentadiene	n/a	=	67	%	EPA 525.2	-88	-88	33	106	
2022/23-6	Lab	LCS, RPD	6/5/2023	Organic	Hexachlorocyclopentadiene	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2022/23-6	Lab	LCS	6/6/2023	Organic	Hexachlorocyclopentadiene	n/a	=	1.99	µg/L	EPA 525.2	0.092	1			
2022/23-6	Lab	LCS, rec	6/6/2023	Organic	Hexachlorocyclopentadiene	n/a	=	80	%	EPA 525.2	-88	-88	33	106	
2022/23-6	Lab	LCS dup	6/6/2023	Organic	Hexachlorocyclopentadiene	n/a	=	1.99	µg/L	EPA 525.2	0.092	1			
2022/23-6	Lab	LCS dup, rec	6/6/2023	Organic	Hexachlorocyclopentadiene	n/a	=	80	%	EPA 525.2	-88	-88	33	106	
2022/23-6	Lab	LCS, RPD	6/6/2023	Organic	Hexachlorocyclopentadiene	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	Hexachlorocyclopentadiene	n/a	=	9.63	µg/L	EPA 625.1	1.5	5			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Hexachlorocyclopentadiene	n/a	=	48	%	EPA 625.1	-88	-88	10	120	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Hexachlorocyclopentadiene	n/a	=	9.71	µg/L	EPA 625.1	1.5	5			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Hexachlorocyclopentadiene	n/a	=	49	%	EPA 625.1	-88	-88	10	120	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Hexachlorocyclopentadiene	n/a	=	0.8	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625.1	1.5	5			
2022/23-6	Lab	method blank	6/12/2023	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2022/23-6	Lab	LCS	6/12/2023	Organic	Hexachlorocyclopentadiene	n/a	=	1.54	µg/L	EPA 525.2	0.092	1			
2022/23-6	Lab	LCS, rec	6/12/2023	Organic	Hexachlorocyclopentadiene	n/a	=	62	%	EPA 525.2	-88	-88	33	106	
2022/23-6	Lab	LCS dup	6/12/2023	Organic	Hexachlorocyclopentadiene	n/a	=	1.42	µg/L	EPA 525.2	0.092	1			
2022/23-6	Lab	LCS dup, rec	6/12/2023	Organic	Hexachlorocyclopentadiene	n/a	=	57	%	EPA 525.2	-88	-88	33	106	
2022/23-6	Lab	LCS, RPD	6/12/2023	Organic	Hexachlorocyclopentadiene	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	LCS	6/16/2023	Organic	Hexachlorocyclopentadiene	n/a	=	7.61	µg/L	EPA 625.1	1.5	5			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Hexachlorocyclopentadiene	n/a	=	38	%	EPA 625.1	-88	-88	10	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Hexachlorocyclopentadiene	n/a	=	8.77	µg/L	EPA 625.1	1.5	5			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Hexachlorocyclopentadiene	n/a	=	44	%	EPA 625.1	-88	-88	10	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Hexachlorocyclopentadiene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625.1	1.5	5			
2022/23-6	Lab	LCS	6/16/2023	Organic	Hexachlorocyclopentadiene	n/a	=	5.23	µg/L	EPA 625.1	1.5	5			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Hexachlorocyclopentadiene	n/a	=	26	%	EPA 625.1	-88	-88	10	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Hexachlorocyclopentadiene	n/a	=	7.32	µg/L	EPA 625.1	1.5	5			IL
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Hexachlorocyclopentadiene	n/a	=	37	%	EPA 625.1	-88	-88	10	120	IL
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Hexachlorocyclopentadiene	n/a	=	33	%	EPA 625.1	-88	-88	0	30	IL
2022/23-6	Lab	method blank	6/16/2023	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625.1	1.5	5			
2022/23-6	Lab	method blank	6/20/2023	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Hexachlorocyclopentadiene	n/a	=	1.51	µg/L	EPA 525.2	0.092	1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Hexachlorocyclopentadiene	n/a	=	60	%	EPA 525.2	-88	-88	33	106	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Hexachlorocyclopentadiene	n/a	=	1.41	µg/L	EPA 525.2	0.092	1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Hexachlorocyclopentadiene	n/a	=	56	%	EPA 525.2	-88	-88	33	106	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Hexachlorocyclopentadiene	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	Hexachlorocyclopentadiene	n/a	=	8	µg/L	EPA 625.1	1.5	5			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Hexachlorocyclopentadiene	n/a	=	40	%	EPA 625.1	-88	-88	10	120	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Hexachlorocyclopentadiene	n/a	=	6.72	µg/L	EPA 625.1	1.5	5			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Hexachlorocyclopentadiene	n/a	=	34	%	EPA 625.1	-88	-88	10	120	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Hexachlorocyclopentadiene	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625.1	1.5	5			
2022/23-6	Lab	LCS	6/11/2023	Organic	Hexachloroethane	n/a	=	14.2	µg/L	EPA 625.1	0.5	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Hexachloroethane	n/a	=	71	%	EPA 625.1	-88	-88	55	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	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Hexachloroethane	n/a	=	14.3	µg/L	EPA 625.1	0.5	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Hexachloroethane	n/a	=	71	%	EPA 625.1	-88	-88	55	120	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Hexachloroethane	n/a	=	0.6	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Hexachloroethane	n/a	=	13.3	µg/L	EPA 625.1	0.5	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Hexachloroethane	n/a	=	66	%	EPA 625.1	-88	-88	55	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Hexachloroethane	n/a	=	14.3	µg/L	EPA 625.1	0.5	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Hexachloroethane	n/a	=	72	%	EPA 625.1	-88	-88	55	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Hexachloroethane	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Hexachloroethane	n/a	=	9.57	µg/L	EPA 625.1	0.5	1			EUM
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Hexachloroethane	n/a	=	48	%	EPA 625.1	-88	-88	55	120	EUM
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Hexachloroethane	n/a	=	12.2	µg/L	EPA 625.1	0.5	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Hexachloroethane	n/a	=	61	%	EPA 625.1	-88	-88	55	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Hexachloroethane	n/a	=	24	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	Hexachloroethane	n/a	=	13.1	µg/L	EPA 625.1	0.5	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Hexachloroethane	n/a	=	66	%	EPA 625.1	-88	-88	55	120	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Hexachloroethane	n/a	=	10.9	µg/L	EPA 625.1	0.5	1			EUM
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Hexachloroethane	n/a	=	54	%	EPA 625.1	-88	-88	55	120	EUM
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Hexachloroethane	n/a	=	19	%	EPA 625.1	-88	-88	0	30	EUM
2022/23-6	Lab	method blank	6/23/2023	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-6	Lab	method blank	6/8/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1			
2022/23-6	Lab	LCS	6/8/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.83	µg/L	EPA 8270C	0.065	0.1			
2022/23-6	Lab	LCS, rec	6/8/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	83	%	EPA 8270C	-88	-88	12	136	
2022/23-6	Lab	LCS dup	6/8/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	1.32	µg/L	EPA 8270C	0.065	0.1			IL
2022/23-6	Lab	LCS dup, rec	6/8/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	132	%	EPA 8270C	-88	-88	12	136	IL
2022/23-6	Lab	LCS, RPD	6/8/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	46	%	EPA 8270C	-88	-88	0	30	IL
2022/23-6	Lab	LCS	6/11/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	18.7	µg/L	EPA 625.1	0.66	2			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	94	%	EPA 625.1	-88	-88	0.1	151	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	17.1	µg/L	EPA 625.1	0.66	2			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	85	%	EPA 625.1	-88	-88	0.1	151	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.66	µg/L	EPA 625.1	0.66	2			
2022/23-6	Lab	LCS	6/16/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	13.4	µg/L	EPA 625.1	0.66	2			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	67	%	EPA 625.1	-88	-88	0.1	151	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	15.2	µg/L	EPA 625.1	0.66	2			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	76	%	EPA 625.1	-88	-88	0.1	151	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.66	µg/L	EPA 625.1	0.66	2			
2022/23-6	Lab	LCS	6/16/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	11.6	µg/L	EPA 625.1	0.66	2			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	58	%	EPA 625.1	-88	-88	0.1	151	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	13.6	µg/L	EPA 625.1	0.66	2			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	68	%	EPA 625.1	-88	-88	0.1	151	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	16	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.66	µg/L	EPA 625.1	0.66	2			
2022/23-6	Lab	method blank	6/20/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS	6/20/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.834	µg/L	EPA 8270C	0.065	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	83	%	EPA 8270C	-88	-88	12	136	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.765	µg/L	EPA 8270C	0.065	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	77	%	EPA 8270C	-88	-88	12	136	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	9	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.922	µg/L	EPA 8270C	0.065	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	92	%	EPA 8270C	-88	-88	12	136	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.733	µg/L	EPA 8270C	0.065	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	73	%	EPA 8270C	-88	-88	12	136	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	23	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	12.1	µg/L	EPA 8270C	0.065	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	61	%	EPA 8270C	-88	-88	12	136	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	10.8	µg/L	EPA 8270C	0.065	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	54	%	EPA 8270C	-88	-88	12	136	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	11	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	18.4	µg/L	EPA 625.1	0.66	2			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	92	%	EPA 625.1	-88	-88	0.1	151	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	15.4	µg/L	EPA 625.1	0.66	2			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	77	%	EPA 625.1	-88	-88	0.1	151	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.66	µg/L	EPA 625.1	0.66	2			
2022/23-6	Lab	LCS	6/11/2023	Organic	Isophorone	n/a	=	14.2	µg/L	EPA 625.1	0.21	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Isophorone	n/a	=	71	%	EPA 625.1	-88	-88	47	180	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Isophorone	n/a	=	13.9	µg/L	EPA 625.1	0.21	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Isophorone	n/a	=	70	%	EPA 625.1	-88	-88	47	180	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Isophorone	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Isophorone	n/a	=	12.6	µg/L	EPA 625.1	0.21	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Isophorone	n/a	=	63	%	EPA 625.1	-88	-88	47	180	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Isophorone	n/a	=	13.9	µg/L	EPA 625.1	0.21	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Isophorone	n/a	=	69	%	EPA 625.1	-88	-88	47	180	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Isophorone	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Isophorone	n/a	=	11.7	µg/L	EPA 625.1	0.21	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Isophorone	n/a	=	58	%	EPA 625.1	-88	-88	47	180	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Isophorone	n/a	=	13.5	µg/L	EPA 625.1	0.21	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Isophorone	n/a	=	67	%	EPA 625.1	-88	-88	47	180	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Isophorone	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	Isophorone	n/a	=	14	µg/L	EPA 625.1	0.21	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Isophorone	n/a	=	70	%	EPA 625.1	-88	-88	47	180	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Isophorone	n/a	=	11.4	µg/L	EPA 625.1	0.21	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Isophorone	n/a	=	57	%	EPA 625.1	-88	-88	47	180	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Isophorone	n/a	=	21	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	method blank	6/8/2023	Organic	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-6	Lab	LCS	6/8/2023	Organic	Naphthalene	n/a	=	0.734	µg/L	EPA 8270C	0.026	0.1			
2022/23-6	Lab	LCS, rec	6/8/2023	Organic	Naphthalene	n/a	=	73	%	EPA 8270C	-88	-88	12	136	
2022/23-6	Lab	LCS dup	6/8/2023	Organic	Naphthalene	n/a	=	0.738	µg/L	EPA 8270C	0.026	0.1			
2022/23-6	Lab	LCS dup, rec	6/8/2023	Organic	Naphthalene	n/a	=	74	%	EPA 8270C	-88	-88	12	136	
2022/23-6	Lab	LCS, RPD	6/8/2023	Organic	Naphthalene	n/a	=	0.6	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	Naphthalene	n/a	=	14.5	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Naphthalene	n/a	=	72	%	EPA 625.1	-88	-88	36	120	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Naphthalene	n/a	=	14.3	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Naphthalene	n/a	=	71	%	EPA 625.1	-88	-88	36	120	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Naphthalene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Naphthalene	n/a	=	12.3	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Naphthalene	n/a	=	62	%	EPA 625.1	-88	-88	36	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Naphthalene	n/a	=	13.5	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Naphthalene	n/a	=	67	%	EPA 625.1	-88	-88	36	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Naphthalene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Naphthalene	n/a	=	10.2	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Naphthalene	n/a	=	51	%	EPA 625.1	-88	-88	36	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Naphthalene	n/a	=	12.7	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Naphthalene	n/a	=	64	%	EPA 625.1	-88	-88	36	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Naphthalene	n/a	=	22	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	method blank	6/20/2023	Organic	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Naphthalene	n/a	=	0.438	µg/L	EPA 8270C	0.026	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Naphthalene	n/a	=	44	%	EPA 8270C	-88	-88	12	136	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Naphthalene	n/a	=	0.549	µg/L	EPA 8270C	0.026	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Naphthalene	n/a	=	55	%	EPA 8270C	-88	-88	12	136	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Naphthalene	n/a	=	22	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Naphthalene	n/a	=	0.76	µg/L	EPA 8270C	0.026	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Naphthalene	n/a	=	76	%	EPA 8270C	-88	-88	12	136	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Naphthalene	n/a	=	0.534	µg/L	EPA 8270C	0.026	0.1			IL
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Naphthalene	n/a	=	53	%	EPA 8270C	-88	-88	12	136	IL
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Naphthalene	n/a	=	35	%	EPA 8270C	-88	-88	0	30	IL
2022/23-6	Lab	method blank	6/20/2023	Organic	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Naphthalene	n/a	=	13	µg/L	EPA 8270C	0.026	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Naphthalene	n/a	=	65	%	EPA 8270C	-88	-88	12	136	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Naphthalene	n/a	=	11	µg/L	EPA 8270C	0.026	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Naphthalene	n/a	=	55	%	EPA 8270C	-88	-88	12	136	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Naphthalene	n/a	=	17	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	Naphthalene	n/a	=	14.6	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Naphthalene	n/a	=	73	%	EPA 625.1	-88	-88	36	120	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Naphthalene	n/a	=	12	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Naphthalene	n/a	=	60	%	EPA 625.1	-88	-88	36	120	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Naphthalene	n/a	=	19	%	EPA 625.1	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	method blank	6/23/2023	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-6	Lab	LCS	6/11/2023	Organic	Nitrobenzene	n/a	=	13.2	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Nitrobenzene	n/a	=	66	%	EPA 625.1	-88	-88	54	158	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Nitrobenzene	n/a	=	13.3	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Nitrobenzene	n/a	=	66	%	EPA 625.1	-88	-88	54	158	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Nitrobenzene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Nitrobenzene	n/a	=	12.5	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Nitrobenzene	n/a	=	63	%	EPA 625.1	-88	-88	54	158	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Nitrobenzene	n/a	=	13.9	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Nitrobenzene	n/a	=	70	%	EPA 625.1	-88	-88	54	158	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Nitrobenzene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Nitrobenzene	n/a	=	9.92	µg/L	EPA 625.1	0.36	1			EUM
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Nitrobenzene	n/a	=	50	%	EPA 625.1	-88	-88	54	158	EUM
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Nitrobenzene	n/a	=	13	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Nitrobenzene	n/a	=	65	%	EPA 625.1	-88	-88	54	158	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Nitrobenzene	n/a	=	26	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	Nitrobenzene	n/a	=	14.8	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Nitrobenzene	n/a	=	74	%	EPA 625.1	-88	-88	54	158	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Nitrobenzene	n/a	=	12.2	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Nitrobenzene	n/a	=	61	%	EPA 625.1	-88	-88	54	158	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Nitrobenzene	n/a	=	20	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-6	Lab	srgt method blank	6/8/2023	Organic	Nitrobenzene-d5	n/a	=	12.9	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/8/2023	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 8270C	-88	-88	51	143	
2022/23-6	Lab	srgt LCS	6/8/2023	Organic	Nitrobenzene-d5	n/a	=	3.94	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/8/2023	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 8270C	-88	-88	51	143	
2022/23-6	Lab	srgt LCS dup	6/8/2023	Organic	Nitrobenzene-d5	n/a	=	3.89	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/8/2023	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 8270C	-88	-88	51	143	
2022/23-6	Lab	srgt LCS	6/11/2023	Organic	Nitrobenzene-d5	n/a	=	14.6	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/11/2023	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 625.1	-88	-88	47	120	
2022/23-6	Lab	srgt LCS dup	6/11/2023	Organic	Nitrobenzene-d5	n/a	=	14.4	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/11/2023	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625.1	-88	-88	47	120	
2022/23-6	Lab	srgt method blank	6/11/2023	Organic	Nitrobenzene-d5	n/a	=	10.8	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/11/2023	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 625.1	-88	-88	47	120	
2022/23-6	Lab	srgt LCS	6/14/2023	Organic	Nitrobenzene-d5	n/a	=	15.6	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/14/2023	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625.1	-88	-88	47	120	
2022/23-6	Lab	srgt LCS dup	6/14/2023	Organic	Nitrobenzene-d5	n/a	=	15.6	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/14/2023	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625.1	-88	-88	47	120	
2022/23-6	Lab	srgt method blank	6/14/2023	Organic	Nitrobenzene-d5	n/a	=	12	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/14/2023	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 625.1	-88	-88	47	120	
2022/23-6	Lab	srgt LCS	6/16/2023	Organic	Nitrobenzene-d5	n/a	=	14.2	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/16/2023	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 625.1	-88	-88	47	120	
2022/23-6	Lab	srgt LCS dup	6/16/2023	Organic	Nitrobenzene-d5	n/a	=	15.4	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/16/2023	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625.1	-88	-88	47	120	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	srgt method blank	6/16/2023	Organic	Nitrobenzene-d5	n/a	=	11.5	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/16/2023	Organic	Nitrobenzene-d5	n/a	=	57	%	EPA 625.1	-88	-88	47	120	
2022/23-6	Lab	srgt LCS	6/16/2023	Organic	Nitrobenzene-d5	n/a	=	11.2	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/16/2023	Organic	Nitrobenzene-d5	n/a	=	56	%	EPA 625.1	-88	-88	47	120	
2022/23-6	Lab	srgt LCS dup	6/16/2023	Organic	Nitrobenzene-d5	n/a	=	14.3	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/16/2023	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625.1	-88	-88	47	120	
2022/23-6	Lab	srgt method blank	6/16/2023	Organic	Nitrobenzene-d5	n/a	=	15.2	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/16/2023	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625.1	-88	-88	47	120	
2022/23-6	Lab	srgt method blank	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	12	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 8270C	-88	-88	51	143	
2022/23-6	Lab	srgt LCS	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	2.37	µg/L	EPA 8270C	-88	-88			GN
2022/23-6	Lab	srgt LCS, rec	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	47	%	EPA 8270C	-88	-88	51	143	GN
2022/23-6	Lab	srgt LCS dup	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	3.06	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	61	%	EPA 8270C	-88	-88	51	143	
2022/23-6	Lab	srgt method blank	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	17.7	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	89	%	EPA 8270C	-88	-88	51	143	
2022/23-6	Lab	srgt LCS	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	4.36	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 8270C	-88	-88	51	143	
2022/23-6	Lab	srgt LCS dup	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	2.96	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 8270C	-88	-88	51	143	
2022/23-6	Lab	srgt method blank	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	11.6	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	58	%	EPA 8270C	-88	-88	51	143	
2022/23-6	Lab	srgt LCS	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	17.1	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 8270C	-88	-88	51	143	
2022/23-6	Lab	srgt LCS dup	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	14.4	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270C	-88	-88	51	143	
2022/23-6	Lab	srgt LCS	6/23/2023	Organic	Nitrobenzene-d5	n/a	=	15.2	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/23/2023	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625.1	-88	-88	47	120	
2022/23-6	Lab	srgt LCS dup	6/23/2023	Organic	Nitrobenzene-d5	n/a	=	12.9	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/23/2023	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 625.1	-88	-88	47	120	
2022/23-6	Lab	srgt method blank	6/23/2023	Organic	Nitrobenzene-d5	n/a	=	10.1	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/23/2023	Organic	Nitrobenzene-d5	n/a	=	51	%	EPA 625.1	-88	-88	47	120	
2022/23-6	ME-CC	srgt environ	6/8/2023	Organic	Nitrobenzene-d5	n/a	=	0.119	µg/L	EPA 8270C	-88	-88			GN
2022/23-6	ME-CC	srgt environ, rec	6/8/2023	Organic	Nitrobenzene-d5	n/a	=	0.6	%	EPA 8270C	-88	-88	51	143	GN
2022/23-6	ME-CC	srgt environ	6/12/2023	Organic	Nitrobenzene-d5	n/a	=	0.116	µg/L	EPA 625.1	-88	-88			GN
2022/23-6	ME-CC	srgt environ, rec	6/12/2023	Organic	Nitrobenzene-d5	n/a	=	0.6	%	EPA 625.1	-88	-88	47	120	GN
2022/23-6	ME-SCR	srgt environ	6/17/2023	Organic	Nitrobenzene-d5	n/a	=	14.3	µg/L	EPA 625.1	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	6/17/2023	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625.1	-88	-88	47	120	
2022/23-6	ME-SCR	srgt environ	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	5.68	µg/L	EPA 8270C	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 8270C	-88	-88	51	143	
2022/23-6	ME-VR2	srgt environ	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	12	µg/L	EPA 8270C	-88	-88			
2022/23-6	ME-VR2	srgt environ, rec	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 8270C	-88	-88	51	143	
2022/23-6	ME-VR2	srgt environ	6/23/2023	Organic	Nitrobenzene-d5	n/a	=	10.4	µg/L	EPA 625.1	-88	-88			
2022/23-6	ME-VR2	srgt environ, rec	6/23/2023	Organic	Nitrobenzene-d5	n/a	=	55	%	EPA 625.1	-88	-88	47	120	
2022/23-6	MO-CAM	srgt environ	6/8/2023	Organic	Nitrobenzene-d5	n/a	=	19.5	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-CAM	srgt environ, rec	6/8/2023	Organic	Nitrobenzene-d5	n/a	=	100	%	EPA 8270C	-88	-88	51	143	
2022/23-6	MO-CAM	srgt environ	6/12/2023	Organic	Nitrobenzene-d5	n/a	=	14.6	µg/L	EPA 625.1	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	MO-CAM	srgt environ, rec	6/12/2023	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 625.1	-88	-88	47	120	
2022/23-6	MO-FIL	srgt environ	6/17/2023	Organic	Nitrobenzene-d5	n/a	=	10.8	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-FIL	srgt environ, rec	6/17/2023	Organic	Nitrobenzene-d5	n/a	=	57	%	EPA 625.1	-88	-88	47	120	
2022/23-6	MO-FIL	srgt environ	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	2.54	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-FIL	srgt environ, rec	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	53	%	EPA 8270C	-88	-88	51	143	
2022/23-6	MO-HUE	srgt environ	6/16/2023	Organic	Nitrobenzene-d5	n/a	=	14.8	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-HUE	srgt environ, rec	6/16/2023	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 625.1	-88	-88	47	120	
2022/23-6	MO-HUE	srgt environ	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	15.9	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-HUE	srgt environ, rec	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 8270C	-88	-88	51	143	
2022/23-6	MO-MEI	srgt environ	6/16/2023	Organic	Nitrobenzene-d5	n/a	=	10.1	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-MEI	srgt environ, rec	6/16/2023	Organic	Nitrobenzene-d5	n/a	=	53	%	EPA 625.1	-88	-88	47	120	
2022/23-6	MO-MEI	srgt environ	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	10.7	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-MEI	srgt environ, rec	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	56	%	EPA 8270C	-88	-88	51	143	
2022/23-6	MO-MPK	srgt environ	6/8/2023	Organic	Nitrobenzene-d5	n/a	=	14.9	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-MPK	srgt environ, rec	6/8/2023	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 8270C	-88	-88	51	143	
2022/23-6	MO-MPK	srgt environ	6/12/2023	Organic	Nitrobenzene-d5	n/a	=	11.7	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-MPK	srgt environ, rec	6/12/2023	Organic	Nitrobenzene-d5	n/a	=	61	%	EPA 625.1	-88	-88	47	120	
2022/23-6	MO-OJA	srgt environ	6/16/2023	Organic	Nitrobenzene-d5	n/a	=	11.3	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-OJA	srgt environ, rec	6/16/2023	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 625.1	-88	-88	47	120	
2022/23-6	MO-OJA	srgt environ	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	11.6	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-OJA	srgt environ, rec	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 8270C	-88	-88	51	143	
2022/23-6	MO-SIM	srgt environ	6/8/2023	Organic	Nitrobenzene-d5	n/a	=	12.2	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-SIM	srgt environ, rec	6/8/2023	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 8270C	-88	-88	51	143	
2022/23-6	MO-SIM	srgt environ	6/12/2023	Organic	Nitrobenzene-d5	n/a	=	10.2	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-SIM	srgt environ, rec	6/12/2023	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 625.1	-88	-88	47	120	
2022/23-6	MO-THO	srgt environ	6/8/2023	Organic	Nitrobenzene-d5	n/a	=	11	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-THO	srgt environ, rec	6/8/2023	Organic	Nitrobenzene-d5	n/a	=	58	%	EPA 8270C	-88	-88	51	143	
2022/23-6	MO-THO	srgt environ	6/12/2023	Organic	Nitrobenzene-d5	n/a	=	9.03	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-THO	srgt environ, rec	6/12/2023	Organic	Nitrobenzene-d5	n/a	=	48	%	EPA 625.1	-88	-88	47	120	
2022/23-6	MO-VEN	srgt environ	6/17/2023	Organic	Nitrobenzene-d5	n/a	=	9.2	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-VEN	srgt environ, rec	6/17/2023	Organic	Nitrobenzene-d5	n/a	=	48	%	EPA 625.1	-88	-88	47	120	
2022/23-6	MO-VEN	srgt environ	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	3.4	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-VEN	srgt environ, rec	6/20/2023	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270C	-88	-88	51	143	
2022/23-6	Lab	LCS	6/11/2023	Organic	N-Nitrosodimethylamine	n/a	=	7.61	µg/L	EPA 625.1	0.5	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	N-Nitrosodimethylamine	n/a	=	38	%	EPA 625.1	-88	-88	22	120	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	N-Nitrosodimethylamine	n/a	=	7.67	µg/L	EPA 625.1	0.5	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	N-Nitrosodimethylamine	n/a	=	38	%	EPA 625.1	-88	-88	22	120	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	N-Nitrosodimethylamine	n/a	=	0.8	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	N-Nitrosodimethylamine	n/a	=	7.79	µg/L	EPA 625.1	0.5	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	N-Nitrosodimethylamine	n/a	=	39	%	EPA 625.1	-88	-88	22	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	N-Nitrosodimethylamine	n/a	=	8.6	µg/L	EPA 625.1	0.5	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	N-Nitrosodimethylamine	n/a	=	43	%	EPA 625.1	-88	-88	22	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	N-Nitrosodimethylamine	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	N-Nitrosodimethylamine	n/a	=	6.22	µg/L	EPA 625.1	0.5	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	N-Nitrosodimethylamine	n/a	=	31	%	EPA 625.1	-88	-88	22	120	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	N-Nitrosodimethylamine	n/a	=	6.95	µg/L	EPA 625.1	0.5	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	N-Nitrosodimethylamine	n/a	=	35	%	EPA 625.1	-88	-88	22	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	N-Nitrosodimethylamine	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	N-Nitrosodimethylamine	n/a	=	8.89	µg/L	EPA 625.1	0.5	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	N-Nitrosodimethylamine	n/a	=	44	%	EPA 625.1	-88	-88	22	120	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	N-Nitrosodimethylamine	n/a	=	6.96	µg/L	EPA 625.1	0.5	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	N-Nitrosodimethylamine	n/a	=	35	%	EPA 625.1	-88	-88	22	120	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	N-Nitrosodimethylamine	n/a	=	24	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-6	Lab	LCS	6/11/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	13.7	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	69	%	EPA 625.1	-88	-88	14	198	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	13.1	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	65	%	EPA 625.1	-88	-88	14	198	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	13.1	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	66	%	EPA 625.1	-88	-88	14	198	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	15	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	75	%	EPA 625.1	-88	-88	14	198	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	11.2	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	56	%	EPA 625.1	-88	-88	14	198	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	14.4	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	72	%	EPA 625.1	-88	-88	14	198	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	25	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	16.8	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	84	%	EPA 625.1	-88	-88	14	198	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	13.5	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	68	%	EPA 625.1	-88	-88	14	198	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	N-Nitrosodi-N-propylamine	n/a	=	21	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-6	Lab	LCS	6/11/2023	Organic	N-Nitrosodiphenylamine	n/a	=	15.5	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	N-Nitrosodiphenylamine	n/a	=	78	%	EPA 625.1	-88	-88	47	120	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	N-Nitrosodiphenylamine	n/a	=	14.4	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	N-Nitrosodiphenylamine	n/a	=	72	%	EPA 625.1	-88	-88	47	120	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	N-Nitrosodiphenylamine	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	N-Nitrosodiphenylamine	n/a	=	11.3	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	N-Nitrosodiphenylamine	n/a	=	57	%	EPA 625.1	-88	-88	47	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	N-Nitrosodiphenylamine	n/a	=	12.4	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	N-Nitrosodiphenylamine	n/a	=	62	%	EPA 625.1	-88	-88	47	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	N-Nitrosodiphenylamine	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	N-Nitrosodiphenylamine	n/a	=	10.6	µg/L	EPA 625.1	0.19	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	N-Nitrosodiphenylamine	n/a	=	53	%	EPA 625.1	-88	-88	47	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	N-Nitrosodiphenylamine	n/a	=	11.7	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	N-Nitrosodiphenylamine	n/a	=	59	%	EPA 625.1	-88	-88	47	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	N-Nitrosodiphenylamine	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	LCS	6/23/2023	Organic	N-Nitrosodiphenylamine	n/a	=	13.6	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	N-Nitrosodiphenylamine	n/a	=	68	%	EPA 625.1	-88	-88	47	120	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	N-Nitrosodiphenylamine	n/a	=	11.7	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	N-Nitrosodiphenylamine	n/a	=	59	%	EPA 625.1	-88	-88	47	120	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	N-Nitrosodiphenylamine	n/a	=	15	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-6	Lab	srgt method blank	6/5/2023	Organic	Perylene-d12	n/a	=	4.73	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/5/2023	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	srgt LCS	6/5/2023	Organic	Perylene-d12	n/a	=	4.58	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/5/2023	Organic	Perylene-d12	n/a	=	92	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	srgt LCS dup	6/5/2023	Organic	Perylene-d12	n/a	=	4.67	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/5/2023	Organic	Perylene-d12	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	srgt method blank	6/6/2023	Organic	Perylene-d12	n/a	=	4.64	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/6/2023	Organic	Perylene-d12	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	srgt LCS	6/6/2023	Organic	Perylene-d12	n/a	=	4.72	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/6/2023	Organic	Perylene-d12	n/a	=	94	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	srgt LCS dup	6/6/2023	Organic	Perylene-d12	n/a	=	4.66	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/6/2023	Organic	Perylene-d12	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	srgt method blank	6/12/2023	Organic	Perylene-d12	n/a	=	4.68	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/12/2023	Organic	Perylene-d12	n/a	=	94	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	srgt LCS	6/12/2023	Organic	Perylene-d12	n/a	=	4.75	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/12/2023	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	srgt LCS dup	6/12/2023	Organic	Perylene-d12	n/a	=	4.76	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/12/2023	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	srgt method blank	6/20/2023	Organic	Perylene-d12	n/a	=	4.63	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/20/2023	Organic	Perylene-d12	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	srgt LCS	6/20/2023	Organic	Perylene-d12	n/a	=	4.7	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/20/2023	Organic	Perylene-d12	n/a	=	94	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	srgt LCS dup	6/20/2023	Organic	Perylene-d12	n/a	=	4.7	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/20/2023	Organic	Perylene-d12	n/a	=	94	%	EPA 525.2	-88	-88	50	120	
2022/23-6	ME-CC	srgt environ	6/5/2023	Organic	Perylene-d12	n/a	=	4.88	µg/L	EPA 525.2	-88	-88			
2022/23-6	ME-CC	srgt environ, rec	6/5/2023	Organic	Perylene-d12	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2022/23-6	ME-SCR	srgt environ	6/13/2023	Organic	Perylene-d12	n/a	=	3.32	µg/L	EPA 525.2	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	6/13/2023	Organic	Perylene-d12	n/a	=	70	%	EPA 525.2	-88	-88	50	120	
2022/23-6	ME-SCR	srgt environ	6/20/2023	Organic	Perylene-d12	n/a	=	3.56	µg/L	EPA 525.2	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	6/20/2023	Organic	Perylene-d12	n/a	=	75	%	EPA 525.2	-88	-88	50	120	
2022/23-6	ME-VR2	srgt environ	6/7/2023	Organic	Perylene-d12	n/a	=	4.76	µg/L	EPA 525.2	-88	-88			
2022/23-6	ME-VR2	srgt environ, rec	6/7/2023	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2022/23-6	MO-CAM	srgt environ	6/5/2023	Organic	Perylene-d12	n/a	=	4.06	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-CAM	srgt environ, rec	6/5/2023	Organic	Perylene-d12	n/a	=	86	%	EPA 525.2	-88	-88	50	120	
2022/23-6	MO-FIL	srgt environ	6/13/2023	Organic	Perylene-d12	n/a	=	5.57	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-FIL	srgt environ, rec	6/13/2023	Organic	Perylene-d12	n/a	=	115	%	EPA 525.2	-88	-88	50	120	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	MO-HUE	srgt environ	6/7/2023	Organic	Perylene-d12	n/a	=	5.19	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-HUE	srgt environ, rec	6/7/2023	Organic	Perylene-d12	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2022/23-6	MO-MEI	srgt environ	6/7/2023	Organic	Perylene-d12	n/a	=	5.31	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-MEI	srgt environ, rec	6/7/2023	Organic	Perylene-d12	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2022/23-6	MO-MPK	srgt environ	6/5/2023	Organic	Perylene-d12	n/a	=	4.71	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-MPK	srgt environ, rec	6/5/2023	Organic	Perylene-d12	n/a	=	97	%	EPA 525.2	-88	-88	50	120	
2022/23-6	MO-OJA	srgt environ	6/7/2023	Organic	Perylene-d12	n/a	=	5.71	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-OJA	srgt environ, rec	6/7/2023	Organic	Perylene-d12	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2022/23-6	MO-SIM	srgt environ	6/5/2023	Organic	Perylene-d12	n/a	=	4.76	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-SIM	srgt environ, rec	6/5/2023	Organic	Perylene-d12	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2022/23-6	MO-THO	srgt environ	6/5/2023	Organic	Perylene-d12	n/a	=	5.16	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-THO	srgt environ, rec	6/5/2023	Organic	Perylene-d12	n/a	=	109	%	EPA 525.2	-88	-88	50	120	
2022/23-6	MO-VEN	srgt environ	6/13/2023	Organic	Perylene-d12	n/a	=	55.3	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-VEN	srgt environ, rec	6/13/2023	Organic	Perylene-d12	n/a	=	111	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	method blank	6/8/2023	Organic	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2022/23-6	Lab	LCS	6/8/2023	Organic	Phenanthrene	n/a	=	0.812	µg/L	EPA 8270C	0.029	0.1			
2022/23-6	Lab	LCS, rec	6/8/2023	Organic	Phenanthrene	n/a	=	81	%	EPA 8270C	-88	-88	21	131	
2022/23-6	Lab	LCS dup	6/8/2023	Organic	Phenanthrene	n/a	=	0.807	µg/L	EPA 8270C	0.029	0.1			
2022/23-6	Lab	LCS dup, rec	6/8/2023	Organic	Phenanthrene	n/a	=	81	%	EPA 8270C	-88	-88	21	131	
2022/23-6	Lab	LCS, RPD	6/8/2023	Organic	Phenanthrene	n/a	=	0.6	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	Phenanthrene	n/a	=	18	µg/L	EPA 625.1	0.32	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Phenanthrene	n/a	=	90	%	EPA 625.1	-88	-88	65	120	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Phenanthrene	n/a	=	16.7	µg/L	EPA 625.1	0.32	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Phenanthrene	n/a	=	84	%	EPA 625.1	-88	-88	65	120	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Phenanthrene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Phenanthrene	n/a	=	13.9	µg/L	EPA 625.1	0.32	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Phenanthrene	n/a	=	69	%	EPA 625.1	-88	-88	65	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Phenanthrene	n/a	=	14.3	µg/L	EPA 625.1	0.32	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Phenanthrene	n/a	=	72	%	EPA 625.1	-88	-88	65	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Phenanthrene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Phenanthrene	n/a	=	13	µg/L	EPA 625.1	0.32	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Phenanthrene	n/a	=	65	%	EPA 625.1	-88	-88	65	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Phenanthrene	n/a	=	13.5	µg/L	EPA 625.1	0.32	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Phenanthrene	n/a	=	68	%	EPA 625.1	-88	-88	65	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Phenanthrene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2022/23-6	Lab	method blank	6/20/2023	Organic	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Phenanthrene	n/a	=	0.642	µg/L	EPA 8270C	0.029	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Phenanthrene	n/a	=	64	%	EPA 8270C	-88	-88	21	131	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Phenanthrene	n/a	=	0.651	µg/L	EPA 8270C	0.029	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Phenanthrene	n/a	=	65	%	EPA 8270C	-88	-88	21	131	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Phenanthrene	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Phenanthrene	n/a	=	0.821	µg/L	EPA 8270C	0.029	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Phenanthrene	n/a	=	82	%	EPA 8270C	-88	-88	21	131	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Phenanthrene	n/a	=	0.651	µg/L	EPA 8270C	0.029	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Phenanthrene	n/a	=	65	%	EPA 8270C	-88	-88	21	131	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Phenanthrene	n/a	=	23	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Phenanthrene	n/a	=	13.9	µg/L	EPA 8270C	0.029	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Phenanthrene	n/a	=	70	%	EPA 8270C	-88	-88	21	131	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Phenanthrene	n/a	=	12.2	µg/L	EPA 8270C	0.029	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Phenanthrene	n/a	=	61	%	EPA 8270C	-88	-88	21	131	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Phenanthrene	n/a	=	14	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	Phenanthrene	n/a	=	17.8	µg/L	EPA 625.1	0.32	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Phenanthrene	n/a	=	89	%	EPA 625.1	-88	-88	65	120	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Phenanthrene	n/a	=	14.8	µg/L	EPA 625.1	0.32	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Phenanthrene	n/a	=	74	%	EPA 625.1	-88	-88	65	120	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Phenanthrene	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2022/23-6	Lab	method blank	5/26/2023	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2022/23-6	Lab	LCS	5/26/2023	Organic	Phenol	n/a	=	6.08	µg/L	EPA 8270C	0.35	1			
2022/23-6	Lab	LCS, rec	5/26/2023	Organic	Phenol	n/a	=	30	%	EPA 8270C	-88	-88	6	43	
2022/23-6	Lab	LCS dup	5/26/2023	Organic	Phenol	n/a	=	5.93	µg/L	EPA 8270C	0.35	1			
2022/23-6	Lab	LCS dup, rec	5/26/2023	Organic	Phenol	n/a	=	30	%	EPA 8270C	-88	-88	6	43	
2022/23-6	Lab	LCS, RPD	5/26/2023	Organic	Phenol	n/a	=	3	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	Phenol	n/a	=	5.3	µg/L	EPA 625.1	0.17	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Phenol	n/a	=	26	%	EPA 625.1	-88	-88	17	120	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Phenol	n/a	=	5.37	µg/L	EPA 625.1	0.17	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Phenol	n/a	=	27	%	EPA 625.1	-88	-88	17	120	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Phenol	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Phenol	n/a	<	0.17	µg/L	EPA 625.1	0.17	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Phenol	n/a	=	4.51	µg/L	EPA 625.1	0.17	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Phenol	n/a	=	23	%	EPA 625.1	-88	-88	17	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Phenol	n/a	=	5.2	µg/L	EPA 625.1	0.17	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Phenol	n/a	=	26	%	EPA 625.1	-88	-88	17	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Phenol	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Phenol	n/a	<	0.17	µg/L	EPA 625.1	0.17	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Phenol	n/a	=	3.43	µg/L	EPA 625.1	0.17	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Phenol	n/a	=	17	%	EPA 625.1	-88	-88	17	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Phenol	n/a	=	4.45	µg/L	EPA 625.1	0.17	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Phenol	n/a	=	22	%	EPA 625.1	-88	-88	17	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Phenol	n/a	=	26	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Phenol	n/a	<	0.17	µg/L	EPA 625.1	0.17	1			
2022/23-6	Lab	method blank	6/21/2023	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2022/23-6	Lab	LCS	6/21/2023	Organic	Phenol	n/a	=	5.67	µg/L	EPA 8270C	0.35	1			
2022/23-6	Lab	LCS, rec	6/21/2023	Organic	Phenol	n/a	=	28	%	EPA 8270C	-88	-88	6	43	
2022/23-6	Lab	LCS dup	6/21/2023	Organic	Phenol	n/a	=	5.6	µg/L	EPA 8270C	0.35	1			
2022/23-6	Lab	LCS dup, rec	6/21/2023	Organic	Phenol	n/a	=	28	%	EPA 8270C	-88	-88	6	43	
2022/23-6	Lab	LCS, RPD	6/21/2023	Organic	Phenol	n/a	=	1	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/22/2023	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2022/23-6	Lab	LCS	6/22/2023	Organic	Phenol	n/a	=	4.94	µg/L	EPA 8270C	0.35	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, rec	6/22/2023	Organic	Phenol	n/a	=	25	%	EPA 8270C	-88	-88	6	43	
2022/23-6	Lab	LCS dup	6/22/2023	Organic	Phenol	n/a	=	6.02	µg/L	EPA 8270C	0.35	1			
2022/23-6	Lab	LCS dup, rec	6/22/2023	Organic	Phenol	n/a	=	30	%	EPA 8270C	-88	-88	6	43	
2022/23-6	Lab	LCS, RPD	6/22/2023	Organic	Phenol	n/a	=	20	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/22/2023	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1			
2022/23-6	Lab	LCS	6/22/2023	Organic	Phenol	n/a	=	6.25	µg/L	EPA 8270C	0.35	1			
2022/23-6	Lab	LCS, rec	6/22/2023	Organic	Phenol	n/a	=	31	%	EPA 8270C	-88	-88	6	43	
2022/23-6	Lab	LCS dup	6/22/2023	Organic	Phenol	n/a	=	5.21	µg/L	EPA 8270C	0.35	1			
2022/23-6	Lab	LCS dup, rec	6/22/2023	Organic	Phenol	n/a	=	26	%	EPA 8270C	-88	-88	6	43	
2022/23-6	Lab	LCS, RPD	6/22/2023	Organic	Phenol	n/a	=	18	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	Phenol	n/a	=	5.69	µg/L	EPA 625.1	0.17	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Phenol	n/a	=	28	%	EPA 625.1	-88	-88	17	120	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Phenol	n/a	=	4.73	µg/L	EPA 625.1	0.17	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Phenol	n/a	=	24	%	EPA 625.1	-88	-88	17	120	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Phenol	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Phenol	n/a	<	0.17	µg/L	EPA 625.1	0.17	1			
2022/23-6	Lab	srgt method blank	5/26/2023	Organic	Phenol-d5	n/a	=	9.89	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt method blank, rec	5/26/2023	Organic	Phenol-d5	n/a	=	25	%	EPA 8270C	-88	-88	5	46	
2022/23-6	Lab	srgt LCS	5/26/2023	Organic	Phenol-d5	n/a	=	12.5	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS, rec	5/26/2023	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2022/23-6	Lab	srgt LCS dup	5/26/2023	Organic	Phenol-d5	n/a	=	12	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	5/26/2023	Organic	Phenol-d5	n/a	=	30	%	EPA 8270C	-88	-88	5	46	
2022/23-6	Lab	srgt LCS	6/11/2023	Organic	Phenol-d5	n/a	=	11.5	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/11/2023	Organic	Phenol-d5	n/a	=	29	%	EPA 625.1	-88	-88	12	120	
2022/23-6	Lab	srgt LCS dup	6/11/2023	Organic	Phenol-d5	n/a	=	11.4	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/11/2023	Organic	Phenol-d5	n/a	=	29	%	EPA 625.1	-88	-88	12	120	
2022/23-6	Lab	srgt method blank	6/11/2023	Organic	Phenol-d5	n/a	=	9.26	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/11/2023	Organic	Phenol-d5	n/a	=	23	%	EPA 625.1	-88	-88	12	120	
2022/23-6	Lab	srgt LCS	6/14/2023	Organic	Phenol-d5	n/a	=	12	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/14/2023	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2022/23-6	Lab	srgt LCS dup	6/14/2023	Organic	Phenol-d5	n/a	=	11.8	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/14/2023	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2022/23-6	Lab	srgt method blank	6/14/2023	Organic	Phenol-d5	n/a	=	9.39	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/14/2023	Organic	Phenol-d5	n/a	=	23	%	EPA 625.1	-88	-88	12	120	
2022/23-6	Lab	srgt LCS	6/16/2023	Organic	Phenol-d5	n/a	=	9.88	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/16/2023	Organic	Phenol-d5	n/a	=	25	%	EPA 625.1	-88	-88	12	120	
2022/23-6	Lab	srgt LCS dup	6/16/2023	Organic	Phenol-d5	n/a	=	11.3	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/16/2023	Organic	Phenol-d5	n/a	=	28	%	EPA 625.1	-88	-88	12	120	
2022/23-6	Lab	srgt method blank	6/16/2023	Organic	Phenol-d5	n/a	=	9.19	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/16/2023	Organic	Phenol-d5	n/a	=	23	%	EPA 625.1	-88	-88	12	120	
2022/23-6	Lab	srgt LCS	6/16/2023	Organic	Phenol-d5	n/a	=	7.65	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/16/2023	Organic	Phenol-d5	n/a	=	19	%	EPA 625.1	-88	-88	12	120	
2022/23-6	Lab	srgt LCS dup	6/16/2023	Organic	Phenol-d5	n/a	=	9.84	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/16/2023	Organic	Phenol-d5	n/a	=	25	%	EPA 625.1	-88	-88	12	120	
2022/23-6	Lab	srgt method blank	6/16/2023	Organic	Phenol-d5	n/a	=	11.9	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/16/2023	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2022/23-6	Lab	srgt method blank	6/21/2023	Organic	Phenol-d5	n/a	=	13.3	µg/L	EPA 8270C	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	srgt method blank, rec	6/21/2023	Organic	Phenol-d5	n/a	=	33	%	EPA 8270C	-88	-88	5	46	
2022/23-6	Lab	srgt LCS	6/21/2023	Organic	Phenol-d5	n/a	=	12.4	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/21/2023	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2022/23-6	Lab	srgt LCS dup	6/21/2023	Organic	Phenol-d5	n/a	=	12.5	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/21/2023	Organic	Phenol-d5	n/a	=	31	%	EPA 8270C	-88	-88	5	46	
2022/23-6	Lab	srgt method blank	6/22/2023	Organic	Phenol-d5	n/a	=	10.1	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/22/2023	Organic	Phenol-d5	n/a	=	25	%	EPA 8270C	-88	-88	5	46	
2022/23-6	Lab	srgt LCS	6/22/2023	Organic	Phenol-d5	n/a	=	11	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/22/2023	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2022/23-6	Lab	srgt LCS dup	6/22/2023	Organic	Phenol-d5	n/a	=	13.2	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/22/2023	Organic	Phenol-d5	n/a	=	33	%	EPA 8270C	-88	-88	5	46	
2022/23-6	Lab	srgt method blank	6/22/2023	Organic	Phenol-d5	n/a	=	9.5	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/22/2023	Organic	Phenol-d5	n/a	=	24	%	EPA 8270C	-88	-88	5	46	
2022/23-6	Lab	srgt LCS	6/22/2023	Organic	Phenol-d5	n/a	=	13.9	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/22/2023	Organic	Phenol-d5	n/a	=	35	%	EPA 8270C	-88	-88	5	46	
2022/23-6	Lab	srgt LCS dup	6/22/2023	Organic	Phenol-d5	n/a	=	11.6	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/22/2023	Organic	Phenol-d5	n/a	=	29	%	EPA 8270C	-88	-88	5	46	
2022/23-6	Lab	srgt LCS	6/23/2023	Organic	Phenol-d5	n/a	=	11.6	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/23/2023	Organic	Phenol-d5	n/a	=	29	%	EPA 625.1	-88	-88	12	120	
2022/23-6	Lab	srgt LCS dup	6/23/2023	Organic	Phenol-d5	n/a	=	9.64	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/23/2023	Organic	Phenol-d5	n/a	=	24	%	EPA 625.1	-88	-88	12	120	
2022/23-6	Lab	srgt method blank	6/23/2023	Organic	Phenol-d5	n/a	=	7.85	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/23/2023	Organic	Phenol-d5	n/a	=	20	%	EPA 625.1	-88	-88	12	120	
2022/23-6	ME-CC	srgt environ	5/26/2023	Organic	Phenol-d5	n/a	=	0.0662	µg/L	EPA 8270C	-88	-88			GN
2022/23-6	ME-CC	srgt environ, rec	5/26/2023	Organic	Phenol-d5	n/a	=	0.2	%	EPA 8270C	-88	-88	5	46	GN
2022/23-6	ME-CC	srgt environ	6/12/2023	Organic	Phenol-d5	n/a	=	0.0838	µg/L	EPA 625.1	-88	-88			GN
2022/23-6	ME-CC	srgt environ, rec	6/12/2023	Organic	Phenol-d5	n/a	=	0.2	%	EPA 625.1	-88	-88	12	120	GN
2022/23-6	ME-SCR	srgt environ	6/17/2023	Organic	Phenol-d5	n/a	=	10.2	µg/L	EPA 625.1	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	6/17/2023	Organic	Phenol-d5	n/a	=	27	%	EPA 625.1	-88	-88	12	120	
2022/23-6	ME-SCR	srgt environ	6/21/2023	Organic	Phenol-d5	n/a	=	4.5	µg/L	EPA 8270C	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	6/21/2023	Organic	Phenol-d5	n/a	=	24	%	EPA 8270C	-88	-88	5	46	
2022/23-6	ME-VR2	srgt environ	6/22/2023	Organic	Phenol-d5	n/a	=	9.5	µg/L	EPA 8270C	-88	-88			
2022/23-6	ME-VR2	srgt environ, rec	6/22/2023	Organic	Phenol-d5	n/a	=	25	%	EPA 8270C	-88	-88	5	46	
2022/23-6	ME-VR2	srgt environ	6/23/2023	Organic	Phenol-d5	n/a	=	8.03	µg/L	EPA 625.1	-88	-88			
2022/23-6	ME-VR2	srgt environ, rec	6/23/2023	Organic	Phenol-d5	n/a	=	21	%	EPA 625.1	-88	-88	12	120	
2022/23-6	MO-CAM	srgt environ	5/26/2023	Organic	Phenol-d5	n/a	=	13.5	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-CAM	srgt environ, rec	5/26/2023	Organic	Phenol-d5	n/a	=	35	%	EPA 8270C	-88	-88	5	46	
2022/23-6	MO-CAM	srgt environ	6/12/2023	Organic	Phenol-d5	n/a	=	13.4	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-CAM	srgt environ, rec	6/12/2023	Organic	Phenol-d5	n/a	=	35	%	EPA 625.1	-88	-88	12	120	
2022/23-6	MO-FIL	srgt environ	6/17/2023	Organic	Phenol-d5	n/a	=	7.53	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-FIL	srgt environ, rec	6/17/2023	Organic	Phenol-d5	n/a	=	20	%	EPA 625.1	-88	-88	12	120	
2022/23-6	MO-FIL	srgt environ	6/22/2023	Organic	Phenol-d5	n/a	=	1.97	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-FIL	srgt environ, rec	6/22/2023	Organic	Phenol-d5	n/a	=	21	%	EPA 8270C	-88	-88	5	46	
2022/23-6	MO-HUE	srgt environ	6/16/2023	Organic	Phenol-d5	n/a	=	19.3	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-HUE	srgt environ, rec	6/16/2023	Organic	Phenol-d5	n/a	=	51	%	EPA 625.1	-88	-88	12	120	
2022/23-6	MO-HUE	srgt environ	6/22/2023	Organic	Phenol-d5	n/a	=	21.9	µg/L	EPA 8270C	-88	-88			GN
2022/23-6	MO-HUE	srgt environ, rec	6/22/2023	Organic	Phenol-d5	n/a	=	58	%	EPA 8270C	-88	-88	5	46	GN

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	MO-MEI	srgt environ	6/16/2023	Organic	Phenol-d5	n/a	=	13.4	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-MEI	srgt environ, rec	6/16/2023	Organic	Phenol-d5	n/a	=	35	%	EPA 625.1	-88	-88	12	120	
2022/23-6	MO-MEI	srgt environ	6/22/2023	Organic	Phenol-d5	n/a	=	15.3	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-MEI	srgt environ, rec	6/22/2023	Organic	Phenol-d5	n/a	=	40	%	EPA 8270C	-88	-88	5	46	
2022/23-6	MO-MPK	srgt environ	5/26/2023	Organic	Phenol-d5	n/a	=	10.1	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-MPK	srgt environ, rec	5/26/2023	Organic	Phenol-d5	n/a	=	26	%	EPA 8270C	-88	-88	5	46	
2022/23-6	MO-MPK	srgt environ	6/12/2023	Organic	Phenol-d5	n/a	=	9.16	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-MPK	srgt environ, rec	6/12/2023	Organic	Phenol-d5	n/a	=	24	%	EPA 625.1	-88	-88	12	120	
2022/23-6	MO-OJA	srgt environ	6/16/2023	Organic	Phenol-d5	n/a	=	14.3	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-OJA	srgt environ, rec	6/16/2023	Organic	Phenol-d5	n/a	=	38	%	EPA 625.1	-88	-88	12	120	
2022/23-6	MO-OJA	srgt environ	6/22/2023	Organic	Phenol-d5	n/a	=	16.1	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-OJA	srgt environ, rec	6/22/2023	Organic	Phenol-d5	n/a	=	43	%	EPA 8270C	-88	-88	5	46	
2022/23-6	MO-SIM	srgt environ	5/26/2023	Organic	Phenol-d5	n/a	=	8.49	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-SIM	srgt environ, rec	5/26/2023	Organic	Phenol-d5	n/a	=	22	%	EPA 8270C	-88	-88	5	46	
2022/23-6	MO-SIM	srgt environ	6/12/2023	Organic	Phenol-d5	n/a	=	8.16	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-SIM	srgt environ, rec	6/12/2023	Organic	Phenol-d5	n/a	=	22	%	EPA 625.1	-88	-88	12	120	
2022/23-6	MO-THO	srgt environ	5/26/2023	Organic	Phenol-d5	n/a	=	7.43	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-THO	srgt environ, rec	5/26/2023	Organic	Phenol-d5	n/a	=	20	%	EPA 8270C	-88	-88	5	46	
2022/23-6	MO-THO	srgt environ	6/12/2023	Organic	Phenol-d5	n/a	=	7.01	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-THO	srgt environ, rec	6/12/2023	Organic	Phenol-d5	n/a	=	19	%	EPA 625.1	-88	-88	12	120	
2022/23-6	MO-VEN	srgt environ	6/17/2023	Organic	Phenol-d5	n/a	=	7.92	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-VEN	srgt environ, rec	6/17/2023	Organic	Phenol-d5	n/a	=	21	%	EPA 625.1	-88	-88	12	120	
2022/23-6	MO-VEN	srgt environ	6/21/2023	Organic	Phenol-d5	n/a	=	2.85	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-VEN	srgt environ, rec	6/21/2023	Organic	Phenol-d5	n/a	=	28	%	EPA 8270C	-88	-88	5	46	
2022/23-6	Lab	srgt method blank	6/8/2023	Organic	p-Terphenyl-d14	n/a	=	18.7	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/8/2023	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 8270C	-88	-88	19	134	
2022/23-6	Lab	srgt LCS	6/8/2023	Organic	p-Terphenyl-d14	n/a	=	5	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/8/2023	Organic	p-Terphenyl-d14	n/a	=	100	%	EPA 8270C	-88	-88	19	134	
2022/23-6	Lab	srgt LCS dup	6/8/2023	Organic	p-Terphenyl-d14	n/a	=	5.3	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/8/2023	Organic	p-Terphenyl-d14	n/a	=	106	%	EPA 8270C	-88	-88	19	134	
2022/23-6	Lab	srgt LCS	6/11/2023	Organic	p-Terphenyl-d14	n/a	=	21.9	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/11/2023	Organic	p-Terphenyl-d14	n/a	=	110	%	EPA 625.1	-88	-88	44	129	
2022/23-6	Lab	srgt LCS dup	6/11/2023	Organic	p-Terphenyl-d14	n/a	=	19.2	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/11/2023	Organic	p-Terphenyl-d14	n/a	=	96	%	EPA 625.1	-88	-88	44	129	
2022/23-6	Lab	srgt method blank	6/11/2023	Organic	p-Terphenyl-d14	n/a	=	21	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/11/2023	Organic	p-Terphenyl-d14	n/a	=	105	%	EPA 625.1	-88	-88	44	129	
2022/23-6	Lab	srgt LCS	6/14/2023	Organic	p-Terphenyl-d14	n/a	=	21.7	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/14/2023	Organic	p-Terphenyl-d14	n/a	=	109	%	EPA 625.1	-88	-88	44	129	
2022/23-6	Lab	srgt LCS dup	6/14/2023	Organic	p-Terphenyl-d14	n/a	=	18.8	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/14/2023	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 625.1	-88	-88	44	129	
2022/23-6	Lab	srgt method blank	6/14/2023	Organic	p-Terphenyl-d14	n/a	=	18.8	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/14/2023	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 625.1	-88	-88	44	129	
2022/23-6	Lab	srgt LCS	6/16/2023	Organic	p-Terphenyl-d14	n/a	=	16.4	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/16/2023	Organic	p-Terphenyl-d14	n/a	=	82	%	EPA 625.1	-88	-88	44	129	
2022/23-6	Lab	srgt LCS dup	6/16/2023	Organic	p-Terphenyl-d14	n/a	=	17.1	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/16/2023	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 625.1	-88	-88	44	129	
2022/23-6	Lab	srgt method blank	6/16/2023	Organic	p-Terphenyl-d14	n/a	=	20.7	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	
2022/23-6	Lab	srgt method blank, rec	6/16/2023	Organic	p-Terphenyl-d14	n/a	=	103	%	EPA 625.1	-88	-88	44	129	
2022/23-6	Lab	srgt LCS	6/16/2023	Organic	p-Terphenyl-d14	n/a	=	15	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/16/2023	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 625.1	-88	-88	44	129	
2022/23-6	Lab	srgt LCS dup	6/16/2023	Organic	p-Terphenyl-d14	n/a	=	15.9	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/16/2023	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 625.1	-88	-88	44	129	
2022/23-6	Lab	srgt method blank	6/16/2023	Organic	p-Terphenyl-d14	n/a	=	20.9	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/16/2023	Organic	p-Terphenyl-d14	n/a	=	104	%	EPA 625.1	-88	-88	44	129	
2022/23-6	Lab	srgt method blank	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	17.7	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 8270C	-88	-88	19	134	
2022/23-6	Lab	srgt LCS	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	4.58	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 8270C	-88	-88	19	134	
2022/23-6	Lab	srgt LCS dup	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	4.21	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 8270C	-88	-88	19	134	
2022/23-6	Lab	srgt method blank	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	18.3	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 8270C	-88	-88	19	134	
2022/23-6	Lab	srgt LCS	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	5.15	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	103	%	EPA 8270C	-88	-88	19	134	
2022/23-6	Lab	srgt LCS dup	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	4.34	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 8270C	-88	-88	19	134	
2022/23-6	Lab	srgt method blank	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	17	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 8270C	-88	-88	19	134	
2022/23-6	Lab	srgt LCS	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	16.4	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	82	%	EPA 8270C	-88	-88	19	134	
2022/23-6	Lab	srgt LCS dup	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	14.3	µg/L	EPA 8270C	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	72	%	EPA 8270C	-88	-88	19	134	
2022/23-6	Lab	srgt LCS	6/23/2023	Organic	p-Terphenyl-d14	n/a	=	21.8	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/23/2023	Organic	p-Terphenyl-d14	n/a	=	109	%	EPA 625.1	-88	-88	44	129	
2022/23-6	Lab	srgt LCS dup	6/23/2023	Organic	p-Terphenyl-d14	n/a	=	17.4	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/23/2023	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 625.1	-88	-88	44	129	
2022/23-6	Lab	srgt method blank	6/23/2023	Organic	p-Terphenyl-d14	n/a	=	19.4	µg/L	EPA 625.1	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/23/2023	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 625.1	-88	-88	44	129	
2022/23-6	ME-CC	srgt environ	6/8/2023	Organic	p-Terphenyl-d14	n/a	=	0.179	µg/L	EPA 8270C	-88	-88			GN
2022/23-6	ME-CC	srgt environ, rec	6/8/2023	Organic	p-Terphenyl-d14	n/a	=	0.9	%	EPA 8270C	-88	-88	19	134	GN
2022/23-6	ME-CC	srgt environ	6/12/2023	Organic	p-Terphenyl-d14	n/a	=	0.107	µg/L	EPA 625.1	-88	-88			GN
2022/23-6	ME-CC	srgt environ, rec	6/12/2023	Organic	p-Terphenyl-d14	n/a	=	0.6	%	EPA 625.1	-88	-88	44	129	GN
2022/23-6	ME-SCR	srgt environ	6/17/2023	Organic	p-Terphenyl-d14	n/a	=	18.4	µg/L	EPA 625.1	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	6/17/2023	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 625.1	-88	-88	44	129	
2022/23-6	ME-SCR	srgt environ	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	8.31	µg/L	EPA 8270C	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 8270C	-88	-88	19	134	
2022/23-6	ME-VR2	srgt environ	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	16.3	µg/L	EPA 8270C	-88	-88			
2022/23-6	ME-VR2	srgt environ, rec	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 8270C	-88	-88	19	134	
2022/23-6	ME-VR2	srgt environ	6/23/2023	Organic	p-Terphenyl-d14	n/a	=	18.7	µg/L	EPA 625.1	-88	-88			
2022/23-6	ME-VR2	srgt environ, rec	6/23/2023	Organic	p-Terphenyl-d14	n/a	=	99	%	EPA 625.1	-88	-88	44	129	
2022/23-6	MO-CAM	srgt environ	6/8/2023	Organic	p-Terphenyl-d14	n/a	=	16	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-CAM	srgt environ, rec	6/8/2023	Organic	p-Terphenyl-d14	n/a	=	82	%	EPA 8270C	-88	-88	19	134	
2022/23-6	MO-CAM	srgt environ	6/12/2023	Organic	p-Terphenyl-d14	n/a	=	15.8	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-CAM	srgt environ, rec	6/12/2023	Organic	p-Terphenyl-d14	n/a	=	81	%	EPA 625.1	-88	-88	44	129	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	MO-FIL	srgt environ	6/17/2023	Organic	p-Terphenyl-d14	n/a	=	15.4	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-FIL	srgt environ, rec	6/17/2023	Organic	p-Terphenyl-d14	n/a	=	81	%	EPA 625.1	-88	-88	44	129	
2022/23-6	MO-FIL	srgt environ	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	3.25	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-FIL	srgt environ, rec	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 8270C	-88	-88	19	134	
2022/23-6	MO-HUE	srgt environ	6/16/2023	Organic	p-Terphenyl-d14	n/a	=	18.1	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-HUE	srgt environ, rec	6/16/2023	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 625.1	-88	-88	44	129	
2022/23-6	MO-HUE	srgt environ	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	17.7	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-HUE	srgt environ, rec	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 8270C	-88	-88	19	134	
2022/23-6	MO-MEI	srgt environ	6/16/2023	Organic	p-Terphenyl-d14	n/a	=	15.4	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-MEI	srgt environ, rec	6/16/2023	Organic	p-Terphenyl-d14	n/a	=	81	%	EPA 625.1	-88	-88	44	129	
2022/23-6	MO-MEI	srgt environ	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	14.6	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-MEI	srgt environ, rec	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 8270C	-88	-88	19	134	
2022/23-6	MO-MPK	srgt environ	6/8/2023	Organic	p-Terphenyl-d14	n/a	=	15.2	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-MPK	srgt environ, rec	6/8/2023	Organic	p-Terphenyl-d14	n/a	=	79	%	EPA 8270C	-88	-88	19	134	
2022/23-6	MO-MPK	srgt environ	6/12/2023	Organic	p-Terphenyl-d14	n/a	=	15.1	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-MPK	srgt environ, rec	6/12/2023	Organic	p-Terphenyl-d14	n/a	=	79	%	EPA 625.1	-88	-88	44	129	
2022/23-6	MO-OJA	srgt environ	6/16/2023	Organic	p-Terphenyl-d14	n/a	=	16.8	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-OJA	srgt environ, rec	6/16/2023	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 625.1	-88	-88	44	129	
2022/23-6	MO-OJA	srgt environ	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	14.6	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-OJA	srgt environ, rec	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 8270C	-88	-88	19	134	
2022/23-6	MO-SIM	srgt environ	6/8/2023	Organic	p-Terphenyl-d14	n/a	=	17.3	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-SIM	srgt environ, rec	6/8/2023	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 8270C	-88	-88	19	134	
2022/23-6	MO-SIM	srgt environ	6/12/2023	Organic	p-Terphenyl-d14	n/a	=	19.2	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-SIM	srgt environ, rec	6/12/2023	Organic	p-Terphenyl-d14	n/a	=	101	%	EPA 625.1	-88	-88	44	129	
2022/23-6	MO-THO	srgt environ	6/8/2023	Organic	p-Terphenyl-d14	n/a	=	16.4	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-THO	srgt environ, rec	6/8/2023	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 8270C	-88	-88	19	134	
2022/23-6	MO-THO	srgt environ	6/12/2023	Organic	p-Terphenyl-d14	n/a	=	17.9	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-THO	srgt environ, rec	6/12/2023	Organic	p-Terphenyl-d14	n/a	=	94	%	EPA 625.1	-88	-88	44	129	
2022/23-6	MO-VEN	srgt environ	6/17/2023	Organic	p-Terphenyl-d14	n/a	=	10.5	µg/L	EPA 625.1	-88	-88			
2022/23-6	MO-VEN	srgt environ, rec	6/17/2023	Organic	p-Terphenyl-d14	n/a	=	55	%	EPA 625.1	-88	-88	44	129	
2022/23-6	MO-VEN	srgt environ	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	3.04	µg/L	EPA 8270C	-88	-88			
2022/23-6	MO-VEN	srgt environ, rec	6/20/2023	Organic	p-Terphenyl-d14	n/a	=	60	%	EPA 8270C	-88	-88	19	134	
2022/23-6	Lab	method blank	6/8/2023	Organic	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1			
2022/23-6	Lab	LCS	6/8/2023	Organic	Pyrene	n/a	=	0.9	µg/L	EPA 8270C	0.04	0.1			
2022/23-6	Lab	LCS, rec	6/8/2023	Organic	Pyrene	n/a	=	90	%	EPA 8270C	-88	-88	26	128	
2022/23-6	Lab	LCS dup	6/8/2023	Organic	Pyrene	n/a	=	0.942	µg/L	EPA 8270C	0.04	0.1			
2022/23-6	Lab	LCS dup, rec	6/8/2023	Organic	Pyrene	n/a	=	94	%	EPA 8270C	-88	-88	26	128	
2022/23-6	Lab	LCS, RPD	6/8/2023	Organic	Pyrene	n/a	=	5	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/11/2023	Organic	Pyrene	n/a	=	18.7	µg/L	EPA 625.1	0.25	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Organic	Pyrene	n/a	=	94	%	EPA 625.1	-88	-88	70	120	
2022/23-6	Lab	LCS dup	6/11/2023	Organic	Pyrene	n/a	=	17	µg/L	EPA 625.1	0.25	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Organic	Pyrene	n/a	=	85	%	EPA 625.1	-88	-88	70	120	
2022/23-6	Lab	LCS, RPD	6/11/2023	Organic	Pyrene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Pyrene	n/a	=	13.9	µg/L	EPA 625.1	0.25	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Pyrene	n/a	=	70	%	EPA 625.1	-88	-88	70	120	
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Pyrene	n/a	=	15	µg/L	EPA 625.1	0.25	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Pyrene	n/a	=	75	%	EPA 625.1	-88	-88	70	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Pyrene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-6	Lab	LCS	6/16/2023	Organic	Pyrene	n/a	=	13	µg/L	EPA 625.1	0.25	1			EUM
2022/23-6	Lab	LCS, rec	6/16/2023	Organic	Pyrene	n/a	=	65	%	EPA 625.1	-88	-88	70	120	EUM
2022/23-6	Lab	LCS dup	6/16/2023	Organic	Pyrene	n/a	=	13.9	µg/L	EPA 625.1	0.25	1			EUM
2022/23-6	Lab	LCS dup, rec	6/16/2023	Organic	Pyrene	n/a	=	69	%	EPA 625.1	-88	-88	70	120	EUM
2022/23-6	Lab	LCS, RPD	6/16/2023	Organic	Pyrene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	EUM
2022/23-6	Lab	method blank	6/16/2023	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-6	Lab	method blank	6/20/2023	Organic	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Pyrene	n/a	=	0.765	µg/L	EPA 8270C	0.04	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Pyrene	n/a	=	76	%	EPA 8270C	-88	-88	26	128	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Pyrene	n/a	=	0.707	µg/L	EPA 8270C	0.04	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Pyrene	n/a	=	71	%	EPA 8270C	-88	-88	26	128	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Pyrene	n/a	=	8	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Pyrene	n/a	=	0.907	µg/L	EPA 8270C	0.04	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Pyrene	n/a	=	91	%	EPA 8270C	-88	-88	26	128	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Pyrene	n/a	=	0.74	µg/L	EPA 8270C	0.04	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Pyrene	n/a	=	74	%	EPA 8270C	-88	-88	26	128	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Pyrene	n/a	=	20	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Organic	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1			
2022/23-6	Lab	LCS	6/20/2023	Organic	Pyrene	n/a	=	15	µg/L	EPA 8270C	0.04	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Organic	Pyrene	n/a	=	75	%	EPA 8270C	-88	-88	26	128	
2022/23-6	Lab	LCS dup	6/20/2023	Organic	Pyrene	n/a	=	12.9	µg/L	EPA 8270C	0.04	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Organic	Pyrene	n/a	=	64	%	EPA 8270C	-88	-88	26	128	
2022/23-6	Lab	LCS, RPD	6/20/2023	Organic	Pyrene	n/a	=	15	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Organic	Pyrene	n/a	=	17.9	µg/L	EPA 625.1	0.25	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Organic	Pyrene	n/a	=	90	%	EPA 625.1	-88	-88	70	120	
2022/23-6	Lab	LCS dup	6/23/2023	Organic	Pyrene	n/a	=	14.8	µg/L	EPA 625.1	0.25	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Organic	Pyrene	n/a	=	74	%	EPA 625.1	-88	-88	70	120	
2022/23-6	Lab	LCS, RPD	6/23/2023	Organic	Pyrene	n/a	=	19	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-6	Lab	srgt method blank	6/2/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0606	µg/L	EPA 608.3	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/2/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 608.3	-88	-88	32	130	
2022/23-6	Lab	srgt LCS	6/2/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0528	µg/L	EPA 608.3	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/2/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	53	%	EPA 608.3	-88	-88	32	130	
2022/23-6	Lab	srgt LCS dup	6/2/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0598	µg/L	EPA 608.3	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/2/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	60	%	EPA 608.3	-88	-88	32	130	
2022/23-6	Lab	srgt method blank	6/5/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0606	µg/L	EPA 608.3	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/5/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 608.3	-88	-88	32	130	
2022/23-6	Lab	srgt LCS	6/5/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0615	µg/L	EPA 608.3	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/5/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 608.3	-88	-88	32	130	
2022/23-6	Lab	srgt LCS dup	6/5/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0624	µg/L	EPA 608.3	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/5/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	62	%	EPA 608.3	-88	-88	32	130	
2022/23-6	Lab	srgt method blank	6/7/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0669	µg/L	EPA 608.3	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/7/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	67	%	EPA 608.3	-88	-88	32	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	srgt LCS	6/7/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0664	µg/L	EPA 608.3	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/7/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	66	%	EPA 608.3	-88	-88	32	130	
2022/23-6	Lab	srgt LCS dup	6/7/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0666	µg/L	EPA 608.3	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/7/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	67	%	EPA 608.3	-88	-88	32	130	
2022/23-6	ME-CC	srgt environ	6/7/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0695	µg/L	EPA 608.3	-88	-88			
2022/23-6	ME-CC	srgt environ, rec	6/7/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	73	%	EPA 608.3	-88	-88	32	130	
2022/23-6	ME-SCR	srgt environ	6/8/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0693	µg/L	EPA 608.3	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	6/8/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	73	%	EPA 608.3	-88	-88	32	130	
2022/23-6	ME-VR2	srgt environ	6/2/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0489	µg/L	EPA 608.3	-88	-88			
2022/23-6	ME-VR2	srgt environ, rec	6/2/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 608.3	-88	-88	32	130	
2022/23-6	MO-CAM	srgt environ	6/8/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0488	µg/L	EPA 608.3	-88	-88			
2022/23-6	MO-CAM	srgt environ, rec	6/8/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	51	%	EPA 608.3	-88	-88	32	130	
2022/23-6	MO-FIL	srgt environ	6/8/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0673	µg/L	EPA 608.3	-88	-88			
2022/23-6	MO-FIL	srgt environ, rec	6/8/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	71	%	EPA 608.3	-88	-88	32	130	
2022/23-6	MO-HUE	srgt environ	6/2/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0485	µg/L	EPA 608.3	-88	-88			
2022/23-6	MO-HUE	srgt environ, rec	6/2/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	51	%	EPA 608.3	-88	-88	32	130	
2022/23-6	MO-MEI	srgt environ	6/2/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.045	µg/L	EPA 608.3	-88	-88			
2022/23-6	MO-MEI	srgt environ, rec	6/2/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	48	%	EPA 608.3	-88	-88	32	130	
2022/23-6	MO-MPK	srgt environ	6/8/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0542	µg/L	EPA 608.3	-88	-88			
2022/23-6	MO-MPK	srgt environ, rec	6/8/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	57	%	EPA 608.3	-88	-88	32	130	
2022/23-6	MO-OJA	srgt environ	6/2/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0477	µg/L	EPA 608.3	-88	-88			
2022/23-6	MO-OJA	srgt environ, rec	6/2/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	48	%	EPA 608.3	-88	-88	32	130	
2022/23-6	MO-SIM	srgt environ	6/8/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0689	µg/L	EPA 608.3	-88	-88			
2022/23-6	MO-SIM	srgt environ, rec	6/8/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	73	%	EPA 608.3	-88	-88	32	130	
2022/23-6	MO-THO	srgt environ	6/8/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0712	µg/L	EPA 608.3	-88	-88			
2022/23-6	MO-THO	srgt environ, rec	6/8/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	74	%	EPA 608.3	-88	-88	32	130	
2022/23-6	MO-VEN	srgt environ	6/8/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0309	µg/L	EPA 608.3	-88	-88			
2022/23-6	MO-VEN	srgt environ, rec	6/8/2023	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	32	%	EPA 608.3	-88	-88	32	130	
2022/23-6	Lab	srgt LCS	5/26/2023	Organic	Triphenylphosphate	n/a	=	0.524	µg/L	EPA 625.1m	-88	-88			
2022/23-6	Lab	srgt LCS, rec	5/26/2023	Organic	Triphenylphosphate	n/a	=	105	%	EPA 625.1m	-88	-88	40	200	
2022/23-6	Lab	srgt LCS dup	5/27/2023	Organic	Triphenylphosphate	n/a	=	0.47	µg/L	EPA 625.1m	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	5/27/2023	Organic	Triphenylphosphate	n/a	=	94	%	EPA 625.1m	-88	-88	40	200	
2022/23-6	Lab	srgt method blank	5/27/2023	Organic	Triphenylphosphate	n/a	=	0.421	µg/L	EPA 625.1m	-88	-88			
2022/23-6	Lab	srgt method blank, rec	5/27/2023	Organic	Triphenylphosphate	n/a	=	84	%	EPA 625.1m	-88	-88	40	200	
2022/23-6	Lab	srgt LCS	6/2/2023	Organic	Triphenylphosphate	n/a	=	0.523	µg/L	EPA 625.1m	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/2/2023	Organic	Triphenylphosphate	n/a	=	105	%	EPA 625.1m	-88	-88	40	200	
2022/23-6	Lab	srgt LCS dup	6/2/2023	Organic	Triphenylphosphate	n/a	=	0.594	µg/L	EPA 625.1m	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/2/2023	Organic	Triphenylphosphate	n/a	=	119	%	EPA 625.1m	-88	-88	40	200	
2022/23-6	Lab	srgt method blank	6/2/2023	Organic	Triphenylphosphate	n/a	=	0.543	µg/L	EPA 625.1m	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/2/2023	Organic	Triphenylphosphate	n/a	=	109	%	EPA 625.1m	-88	-88	40	200	
2022/23-6	Lab	srgt method blank	6/5/2023	Organic	Triphenylphosphate	n/a	=	6.21	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/5/2023	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt LCS	6/5/2023	Organic	Triphenylphosphate	n/a	=	6.4	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/5/2023	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt LCS dup	6/5/2023	Organic	Triphenylphosphate	n/a	=	6.39	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/5/2023	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt method blank	6/6/2023	Organic	Triphenylphosphate	n/a	=	5.68	µg/L	EPA 525.2	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	srgt method blank, rec	6/6/2023	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt LCS	6/6/2023	Organic	Triphenylphosphate	n/a	=	5.9	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/6/2023	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt LCS dup	6/6/2023	Organic	Triphenylphosphate	n/a	=	6.04	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/6/2023	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt method blank	6/12/2023	Organic	Triphenylphosphate	n/a	=	5.51	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/12/2023	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt LCS	6/12/2023	Organic	Triphenylphosphate	n/a	=	5.28	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/12/2023	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt LCS dup	6/12/2023	Organic	Triphenylphosphate	n/a	=	5.36	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/12/2023	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt method blank	6/20/2023	Organic	Triphenylphosphate	n/a	=	4.44	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/20/2023	Organic	Triphenylphosphate	n/a	=	89	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt LCS	6/20/2023	Organic	Triphenylphosphate	n/a	=	4.34	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/20/2023	Organic	Triphenylphosphate	n/a	=	87	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt LCS dup	6/20/2023	Organic	Triphenylphosphate	n/a	=	4.43	µg/L	EPA 525.2	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/20/2023	Organic	Triphenylphosphate	n/a	=	89	%	EPA 525.2	-88	-88	70	130	
2022/23-6	ME-CC	srgt environ	5/27/2023	Organic	Triphenylphosphate	n/a	=	0.585	µg/L	EPA 625.1m	-88	-88			
2022/23-6	ME-CC	srgt environ, rec	5/27/2023	Organic	Triphenylphosphate	n/a	=	116	%	EPA 625.1m	-88	-88	40	200	
2022/23-6	ME-CC	srgt environ	6/5/2023	Organic	Triphenylphosphate	n/a	=	6.6	µg/L	EPA 525.2	-88	-88			GN
2022/23-6	ME-CC	srgt environ, rec	6/5/2023	Organic	Triphenylphosphate	n/a	=	140	%	EPA 525.2	-88	-88	70	130	GN
2022/23-6	ME-SCR	srgt environ	5/27/2023	Organic	Triphenylphosphate	n/a	=	0.892	µg/L	EPA 625.1m	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	5/27/2023	Organic	Triphenylphosphate	n/a	=	175	%	EPA 625.1m	-88	-88	40	200	
2022/23-6	ME-SCR	srgt environ	6/13/2023	Organic	Triphenylphosphate	n/a	=	4.82	µg/L	EPA 525.2	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	6/13/2023	Organic	Triphenylphosphate	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2022/23-6	ME-SCR	srgt environ	6/20/2023	Organic	Triphenylphosphate	n/a	=	5	µg/L	EPA 525.2	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	6/20/2023	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2022/23-6	ME-VR2	srgt environ	6/2/2023	Organic	Triphenylphosphate	n/a	=	0.526	µg/L	EPA 625.1m	-88	-88			
2022/23-6	ME-VR2	srgt environ, rec	6/2/2023	Organic	Triphenylphosphate	n/a	=	104	%	EPA 625.1m	-88	-88	40	200	
2022/23-6	ME-VR2	srgt environ	6/7/2023	Organic	Triphenylphosphate	n/a	=	5.45	µg/L	EPA 525.2	-88	-88			
2022/23-6	ME-VR2	srgt environ, rec	6/7/2023	Organic	Triphenylphosphate	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2022/23-6	MO-CAM	srgt environ	5/27/2023	Organic	Triphenylphosphate	n/a	=	0.78	µg/L	EPA 625.1m	-88	-88			
2022/23-6	MO-CAM	srgt environ, rec	5/27/2023	Organic	Triphenylphosphate	n/a	=	152	%	EPA 625.1m	-88	-88	40	200	
2022/23-6	MO-CAM	srgt environ	6/5/2023	Organic	Triphenylphosphate	n/a	=	6.44	µg/L	EPA 525.2	-88	-88			GN
2022/23-6	MO-CAM	srgt environ, rec	6/5/2023	Organic	Triphenylphosphate	n/a	=	136	%	EPA 525.2	-88	-88	70	130	GN
2022/23-6	MO-FIL	srgt environ	6/13/2023	Organic	Triphenylphosphate	n/a	=	5.76	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-FIL	srgt environ, rec	6/13/2023	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2022/23-6	MO-HUE	srgt environ	6/2/2023	Organic	Triphenylphosphate	n/a	=	0.529	µg/L	EPA 625.1m	-88	-88			
2022/23-6	MO-HUE	srgt environ, rec	6/2/2023	Organic	Triphenylphosphate	n/a	=	103	%	EPA 625.1m	-88	-88	40	200	
2022/23-6	MO-HUE	srgt environ	6/7/2023	Organic	Triphenylphosphate	n/a	=	6.13	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-HUE	srgt environ, rec	6/7/2023	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2022/23-6	MO-MEI	srgt environ	6/2/2023	Organic	Triphenylphosphate	n/a	=	0.615	µg/L	EPA 625.1m	-88	-88			
2022/23-6	MO-MEI	srgt environ, rec	6/2/2023	Organic	Triphenylphosphate	n/a	=	120	%	EPA 625.1m	-88	-88	40	200	
2022/23-6	MO-MEI	srgt environ	6/7/2023	Organic	Triphenylphosphate	n/a	=	6.19	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-MEI	srgt environ, rec	6/7/2023	Organic	Triphenylphosphate	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2022/23-6	MO-MPK	srgt environ	5/27/2023	Organic	Triphenylphosphate	n/a	=	0.767	µg/L	EPA 625.1m	-88	-88			
2022/23-6	MO-MPK	srgt environ, rec	5/27/2023	Organic	Triphenylphosphate	n/a	=	151	%	EPA 625.1m	-88	-88	40	200	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	MO-MPK	srgt environ	6/5/2023	Organic	Triphenylphosphate	n/a	=	6.22	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-MPK	srgt environ, rec	6/5/2023	Organic	Triphenylphosphate	n/a	=	128	%	EPA 525.2	-88	-88	70	130	
2022/23-6	MO-OJA	srgt environ	6/2/2023	Organic	Triphenylphosphate	n/a	=	0.552	µg/L	EPA 625.1m	-88	-88			
2022/23-6	MO-OJA	srgt environ, rec	6/2/2023	Organic	Triphenylphosphate	n/a	=	109	%	EPA 625.1m	-88	-88	40	200	
2022/23-6	MO-OJA	srgt environ	6/7/2023	Organic	Triphenylphosphate	n/a	=	6.53	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-OJA	srgt environ, rec	6/7/2023	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2022/23-6	MO-SIM	srgt environ	5/27/2023	Organic	Triphenylphosphate	n/a	=	0.541	µg/L	EPA 625.1m	-88	-88			
2022/23-6	MO-SIM	srgt environ, rec	5/27/2023	Organic	Triphenylphosphate	n/a	=	106	%	EPA 625.1m	-88	-88	40	200	
2022/23-6	MO-SIM	srgt environ	6/5/2023	Organic	Triphenylphosphate	n/a	=	5.59	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-SIM	srgt environ, rec	6/5/2023	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2022/23-6	MO-THO	srgt environ	5/27/2023	Organic	Triphenylphosphate	n/a	=	0.596	µg/L	EPA 625.1m	-88	-88			
2022/23-6	MO-THO	srgt environ, rec	5/27/2023	Organic	Triphenylphosphate	n/a	=	117	%	EPA 625.1m	-88	-88	40	200	
2022/23-6	MO-THO	srgt environ	6/5/2023	Organic	Triphenylphosphate	n/a	=	5.83	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-THO	srgt environ, rec	6/5/2023	Organic	Triphenylphosphate	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2022/23-6	MO-VEN	srgt environ	5/27/2023	Organic	Triphenylphosphate	n/a	=	0.817	µg/L	EPA 625.1m	-88	-88			
2022/23-6	MO-VEN	srgt environ, rec	5/27/2023	Organic	Triphenylphosphate	n/a	=	156	%	EPA 625.1m	-88	-88	40	200	
2022/23-6	MO-VEN	srgt environ	6/13/2023	Organic	Triphenylphosphate	n/a	=	56.4	µg/L	EPA 525.2	-88	-88			
2022/23-6	MO-VEN	srgt environ, rec	6/13/2023	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	srgt method blank	6/2/2023	PCB	PCB 209	n/a	=	0.0707	µg/L	EPA 608.3	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/2/2023	PCB	PCB 209	n/a	=	71	%	EPA 608.3	-88	-88	33	133	
2022/23-6	Lab	srgt LCS	6/2/2023	PCB	PCB 209	n/a	=	0.0508	µg/L	EPA 608.3	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/2/2023	PCB	PCB 209	n/a	=	51	%	EPA 608.3	-88	-88	33	133	
2022/23-6	Lab	srgt LCS dup	6/2/2023	PCB	PCB 209	n/a	=	0.0719	µg/L	EPA 608.3	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/2/2023	PCB	PCB 209	n/a	=	72	%	EPA 608.3	-88	-88	33	133	
2022/23-6	Lab	srgt method blank	6/5/2023	PCB	PCB 209	n/a	=	0.0764	µg/L	EPA 608.3	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/5/2023	PCB	PCB 209	n/a	=	76	%	EPA 608.3	-88	-88	33	133	
2022/23-6	Lab	srgt LCS	6/5/2023	PCB	PCB 209	n/a	=	0.0673	µg/L	EPA 608.3	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/5/2023	PCB	PCB 209	n/a	=	67	%	EPA 608.3	-88	-88	33	133	
2022/23-6	Lab	srgt LCS dup	6/5/2023	PCB	PCB 209	n/a	=	0.062	µg/L	EPA 608.3	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/5/2023	PCB	PCB 209	n/a	=	62	%	EPA 608.3	-88	-88	33	133	
2022/23-6	Lab	srgt method blank	6/7/2023	PCB	PCB 209	n/a	=	0.0819	µg/L	EPA 608.3	-88	-88			
2022/23-6	Lab	srgt method blank, rec	6/7/2023	PCB	PCB 209	n/a	=	82	%	EPA 608.3	-88	-88	33	133	
2022/23-6	Lab	srgt LCS	6/7/2023	PCB	PCB 209	n/a	=	0.0651	µg/L	EPA 608.3	-88	-88			
2022/23-6	Lab	srgt LCS, rec	6/7/2023	PCB	PCB 209	n/a	=	65	%	EPA 608.3	-88	-88	33	133	
2022/23-6	Lab	srgt LCS dup	6/7/2023	PCB	PCB 209	n/a	=	0.0642	µg/L	EPA 608.3	-88	-88			
2022/23-6	Lab	srgt LCS dup, rec	6/7/2023	PCB	PCB 209	n/a	=	64	%	EPA 608.3	-88	-88	33	133	
2022/23-6	ME-CC	srgt environ	6/7/2023	PCB	PCB 209	n/a	=	0.0745	µg/L	EPA 608.3	-88	-88			
2022/23-6	ME-CC	srgt environ, rec	6/7/2023	PCB	PCB 209	n/a	=	79	%	EPA 608.3	-88	-88	33	133	
2022/23-6	ME-SCR	srgt environ	6/8/2023	PCB	PCB 209	n/a	=	0.0612	µg/L	EPA 608.3	-88	-88			
2022/23-6	ME-SCR	srgt environ, rec	6/8/2023	PCB	PCB 209	n/a	=	64	%	EPA 608.3	-88	-88	33	133	
2022/23-6	ME-VR2	srgt environ	6/2/2023	PCB	PCB 209	n/a	=	0.0658	µg/L	EPA 608.3	-88	-88			
2022/23-6	ME-VR2	srgt environ, rec	6/2/2023	PCB	PCB 209	n/a	=	70	%	EPA 608.3	-88	-88	33	133	
2022/23-6	MO-CAM	srgt environ	6/8/2023	PCB	PCB 209	n/a	=	0.0325	µg/L	EPA 608.3	-88	-88			
2022/23-6	MO-CAM	srgt environ, rec	6/8/2023	PCB	PCB 209	n/a	=	34	%	EPA 608.3	-88	-88	33	133	
2022/23-6	MO-FIL	srgt environ	6/8/2023	PCB	PCB 209	n/a	=	0.0706	µg/L	EPA 608.3	-88	-88			
2022/23-6	MO-FIL	srgt environ, rec	6/8/2023	PCB	PCB 209	n/a	=	74	%	EPA 608.3	-88	-88	33	133	
2022/23-6	MO-HUE	srgt environ	6/2/2023	PCB	PCB 209	n/a	=	0.0473	µg/L	EPA 608.3	-88	-88			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	MO-HUE	srgt environ, rec	6/2/2023	PCB	PCB 209	n/a	=	50	%	EPA 608.3	-88	-88	33	133	
2022/23-6	MO-MEI	srgt environ	6/2/2023	PCB	PCB 209	n/a	=	0.0519	µg/L	EPA 608.3	-88	-88			
2022/23-6	MO-MEI	srgt environ, rec	6/2/2023	PCB	PCB 209	n/a	=	55	%	EPA 608.3	-88	-88	33	133	
2022/23-6	MO-MPK	srgt environ	6/8/2023	PCB	PCB 209	n/a	=	0.0616	µg/L	EPA 608.3	-88	-88			
2022/23-6	MO-MPK	srgt environ, rec	6/8/2023	PCB	PCB 209	n/a	=	65	%	EPA 608.3	-88	-88	33	133	
2022/23-6	MO-OJA	srgt environ	6/2/2023	PCB	PCB 209	n/a	=	0.077	µg/L	EPA 608.3	-88	-88			
2022/23-6	MO-OJA	srgt environ, rec	6/2/2023	PCB	PCB 209	n/a	=	78	%	EPA 608.3	-88	-88	33	133	
2022/23-6	MO-SIM	srgt environ	6/8/2023	PCB	PCB 209	n/a	=	0.0743	µg/L	EPA 608.3	-88	-88			
2022/23-6	MO-SIM	srgt environ, rec	6/8/2023	PCB	PCB 209	n/a	=	79	%	EPA 608.3	-88	-88	33	133	
2022/23-6	MO-THO	srgt environ	6/8/2023	PCB	PCB 209	n/a	=	0.0811	µg/L	EPA 608.3	-88	-88			
2022/23-6	MO-THO	srgt environ, rec	6/8/2023	PCB	PCB 209	n/a	=	84	%	EPA 608.3	-88	-88	33	133	
2022/23-6	MO-VEN	srgt environ	6/8/2023	PCB	PCB 209	n/a	=	0.0179	µg/L	EPA 608.3	-88	-88			GN
2022/23-6	MO-VEN	srgt environ, rec	6/8/2023	PCB	PCB 209	n/a	=	19	%	EPA 608.3	-88	-88	33	133	GN
2022/23-6	Lab	method blank	6/2/2023	PCB	PCB Aroclor 1016	n/a	<	0.075	µg/L	EPA 608.3	0.075	0.5			
2022/23-6	Lab	method blank	6/5/2023	PCB	PCB Aroclor 1016	n/a	<	0.075	µg/L	EPA 608.3	0.075	0.5			
2022/23-6	Lab	method blank	6/7/2023	PCB	PCB Aroclor 1016	n/a	<	0.075	µg/L	EPA 608.3	0.075	0.5			
2022/23-6	Lab	method blank	6/2/2023	PCB	PCB Aroclor 1221	n/a	<	0.024	µg/L	EPA 608.3	0.024	0.5			
2022/23-6	Lab	method blank	6/5/2023	PCB	PCB Aroclor 1221	n/a	<	0.024	µg/L	EPA 608.3	0.024	0.5			
2022/23-6	Lab	method blank	6/7/2023	PCB	PCB Aroclor 1221	n/a	<	0.024	µg/L	EPA 608.3	0.024	0.5			
2022/23-6	Lab	method blank	6/2/2023	PCB	PCB Aroclor 1232	n/a	<	0.083	µg/L	EPA 608.3	0.083	0.5			
2022/23-6	Lab	method blank	6/5/2023	PCB	PCB Aroclor 1232	n/a	<	0.083	µg/L	EPA 608.3	0.083	0.5			
2022/23-6	Lab	method blank	6/7/2023	PCB	PCB Aroclor 1232	n/a	<	0.083	µg/L	EPA 608.3	0.083	0.5			
2022/23-6	Lab	method blank	6/2/2023	PCB	PCB Aroclor 1242	n/a	<	0.095	µg/L	EPA 608.3	0.095	0.5			
2022/23-6	Lab	method blank	6/5/2023	PCB	PCB Aroclor 1242	n/a	<	0.095	µg/L	EPA 608.3	0.095	0.5			
2022/23-6	Lab	method blank	6/7/2023	PCB	PCB Aroclor 1242	n/a	<	0.095	µg/L	EPA 608.3	0.095	0.5			
2022/23-6	Lab	method blank	6/2/2023	PCB	PCB Aroclor 1248	n/a	<	0.083	µg/L	EPA 608.3	0.083	0.5			
2022/23-6	Lab	method blank	6/5/2023	PCB	PCB Aroclor 1248	n/a	<	0.083	µg/L	EPA 608.3	0.083	0.5			
2022/23-6	Lab	method blank	6/7/2023	PCB	PCB Aroclor 1248	n/a	<	0.083	µg/L	EPA 608.3	0.083	0.5			
2022/23-6	Lab	method blank	6/2/2023	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5			
2022/23-6	Lab	method blank	6/5/2023	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5			
2022/23-6	Lab	method blank	6/7/2023	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608.3	0.04	0.5			
2022/23-6	Lab	method blank	6/2/2023	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5			
2022/23-6	Lab	method blank	6/5/2023	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5			
2022/23-6	Lab	method blank	6/7/2023	PCB	PCB Aroclor 1260	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5			
2022/23-6	000NONPJ	matrix spike	5/27/2023	Pesticide	2,4,5-T	n/a	=	4.31	µg/L	EPA 515.4	0.03	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/27/2023	Pesticide	2,4,5-T	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/27/2023	Pesticide	2,4,5-T	n/a	=	3.98	µg/L	EPA 515.4	0.03	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/27/2023	Pesticide	2,4,5-T	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/27/2023	Pesticide	2,4,5-T	n/a	=	8	%	EPA 515.4	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Pesticide	2,4,5-T	n/a	=	3.83	µg/L	EPA 515.4	0.03	0.2			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Pesticide	2,4,5-T	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Pesticide	2,4,5-T	n/a	=	3.74	µg/L	EPA 515.4	0.03	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Pesticide	2,4,5-T	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Pesticide	2,4,5-T	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2			
2022/23-6	Lab	LCS	5/27/2023	Pesticide	2,4,5-T	n/a	=	4.18	µg/L	EPA 515.4	0.03	0.2			
2022/23-6	Lab	LCS, rec	5/27/2023	Pesticide	2,4,5-T	n/a	=	105	%	EPA 515.4	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	2,4,5-T	n/a	=	3.92	µg/L	EPA 515.4	0.03	0.2			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	2,4,5-T	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike	5/27/2023	Pesticide	2,4,5-TP	n/a	=	4.03	µg/L	EPA 515.4	0.026	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/27/2023	Pesticide	2,4,5-TP	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/27/2023	Pesticide	2,4,5-TP	n/a	=	3.99	µg/L	EPA 515.4	0.026	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/27/2023	Pesticide	2,4,5-TP	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/27/2023	Pesticide	2,4,5-TP	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Pesticide	2,4,5-TP	n/a	=	3.98	µg/L	EPA 515.4	0.026	0.2			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Pesticide	2,4,5-TP	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Pesticide	2,4,5-TP	n/a	=	3.93	µg/L	EPA 515.4	0.026	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Pesticide	2,4,5-TP	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Pesticide	2,4,5-TP	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2			
2022/23-6	Lab	LCS	5/27/2023	Pesticide	2,4,5-TP	n/a	=	4.09	µg/L	EPA 515.4	0.026	0.2			
2022/23-6	Lab	LCS, rec	5/27/2023	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	2,4,5-TP	n/a	=	3.97	µg/L	EPA 515.4	0.026	0.2			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	2,4,5-TP	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike	5/27/2023	Pesticide	2,4-D	n/a	=	7.96	µg/L	EPA 515.4	0.14	0.4			
2022/23-6	000NONPJ	matrix spike, rec	5/27/2023	Pesticide	2,4-D	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/27/2023	Pesticide	2,4-D	n/a	=	7.93	µg/L	EPA 515.4	0.14	0.4			
2022/23-6	000NONPJ	matrix spike dup, rec	5/27/2023	Pesticide	2,4-D	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/27/2023	Pesticide	2,4-D	n/a	=	0.3	%	EPA 515.4	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Pesticide	2,4-D	n/a	=	7.74	µg/L	EPA 515.4	0.14	0.4			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Pesticide	2,4-D	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Pesticide	2,4-D	n/a	=	8.06	µg/L	EPA 515.4	0.14	0.4			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Pesticide	2,4-D	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Pesticide	2,4-D	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4			
2022/23-6	Lab	LCS	5/27/2023	Pesticide	2,4-D	n/a	=	8.43	µg/L	EPA 515.4	0.14	0.4			
2022/23-6	Lab	LCS, rec	5/27/2023	Pesticide	2,4-D	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	2,4-D	n/a	=	7.98	µg/L	EPA 515.4	0.14	0.4			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	2,4-D	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike	5/27/2023	Pesticide	2,4-DB	n/a	=	18.1	µg/L	EPA 515.4	0.19	2			
2022/23-6	000NONPJ	matrix spike, rec	5/27/2023	Pesticide	2,4-DB	n/a	=	113	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/27/2023	Pesticide	2,4-DB	n/a	=	16.9	µg/L	EPA 515.4	0.19	2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/27/2023	Pesticide	2,4-DB	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/27/2023	Pesticide	2,4-DB	n/a	=	6	%	EPA 515.4	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Pesticide	2,4-DB	n/a	=	15.9	µg/L	EPA 515.4	0.19	2			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Pesticide	2,4-DB	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Pesticide	2,4-DB	n/a	=	15.2	µg/L	EPA 515.4	0.19	2			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Pesticide	2,4-DB	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Pesticide	2,4-DB	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2			
2022/23-6	Lab	LCS	5/27/2023	Pesticide	2,4-DB	n/a	=	17.8	µg/L	EPA 515.4	0.19	2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, rec	5/27/2023	Pesticide	2,4-DB	n/a	=	111	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	2,4-DB	n/a	=	15.9	µg/L	EPA 515.4	0.19	2			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	2,4-DB	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike	5/27/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.94	µg/L	EPA 515.4	0.12	1			
2022/23-6	000NONPJ	matrix spike, rec	5/27/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/27/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.9	µg/L	EPA 515.4	0.12	1			
2022/23-6	000NONPJ	matrix spike dup, rec	5/27/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/27/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.4	%	EPA 515.4	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.06	µg/L	EPA 515.4	0.12	1			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.07	µg/L	EPA 515.4	0.12	1			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.2	%	EPA 515.4	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1			
2022/23-6	Lab	LCS	5/27/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.29	µg/L	EPA 515.4	0.12	1			
2022/23-6	Lab	LCS, rec	5/27/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.07	µg/L	EPA 515.4	0.12	1			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	4,4'-DDD	n/a	<	0.0027	µg/L	EPA 608.3	0.0027	0.05			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	4,4'-DDD	n/a	=	0.079	µg/L	EPA 608.3	0.0027	0.05			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	4,4'-DDD	n/a	=	79	%	EPA 608.3	-88	-88	48	130	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	4,4'-DDD	n/a	=	0.0871	µg/L	EPA 608.3	0.0027	0.05			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	4,4'-DDD	n/a	=	87	%	EPA 608.3	-88	-88	48	130	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	4,4'-DDD	n/a	=	10	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	4,4'-DDD	n/a	<	0.0027	µg/L	EPA 608.3	0.0027	0.05			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	4,4'-DDD	n/a	=	0.0774	µg/L	EPA 608.3	0.0027	0.05			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	4,4'-DDD	n/a	=	77	%	EPA 608.3	-88	-88	48	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	4,4'-DDD	n/a	=	0.0816	µg/L	EPA 608.3	0.0027	0.05			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	4,4'-DDD	n/a	=	82	%	EPA 608.3	-88	-88	48	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	4,4'-DDD	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	4,4'-DDD	n/a	<	0.0027	µg/L	EPA 608.3	0.0027	0.05			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	4,4'-DDD	n/a	=	0.0805	µg/L	EPA 608.3	0.0027	0.05			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	4,4'-DDD	n/a	=	81	%	EPA 608.3	-88	-88	48	130	
2022/23-6	Lab	LCS dup	6/7/2023	Pesticide	4,4'-DDD	n/a	=	0.0883	µg/L	EPA 608.3	0.0027	0.05			
2022/23-6	Lab	LCS dup, rec	6/7/2023	Pesticide	4,4'-DDD	n/a	=	88	%	EPA 608.3	-88	-88	48	130	
2022/23-6	Lab	LCS, RPD	6/7/2023	Pesticide	4,4'-DDD	n/a	=	9	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	4,4'-DDE	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.05			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	4,4'-DDE	n/a	=	0.0658	µg/L	EPA 608.3	0.0018	0.05			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	4,4'-DDE	n/a	=	66	%	EPA 608.3	-88	-88	54	130	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	4,4'-DDE	n/a	=	0.0687	µg/L	EPA 608.3	0.0018	0.05			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	4,4'-DDE	n/a	=	69	%	EPA 608.3	-88	-88	54	130	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	4,4'-DDE	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	4,4'-DDE	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.05			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	4,4'-DDE	n/a	=	0.0757	µg/L	EPA 608.3	0.0018	0.05			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	4,4'-DDE	n/a	=	76	%	EPA 608.3	-88	-88	54	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	4,4'-DDE	n/a	=	0.0802	µg/L	EPA 608.3	0.0018	0.05			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	4,4'-DDE	n/a	=	80	%	EPA 608.3	-88	-88	54	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	4,4'-DDE	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	4,4'-DDE	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.05			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	4,4'-DDE	n/a	=	0.0762	µg/L	EPA 608.3	0.0018	0.05			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	4,4'-DDE	n/a	=	76	%	EPA 608.3	-88	-88	54	130	
2022/23-6	Lab	LCS dup	6/7/2023	Pesticide	4,4'-DDE	n/a	=	0.0828	µg/L	EPA 608.3	0.0018	0.05			
2022/23-6	Lab	LCS dup, rec	6/7/2023	Pesticide	4,4'-DDE	n/a	=	83	%	EPA 608.3	-88	-88	54	130	
2022/23-6	Lab	LCS, RPD	6/7/2023	Pesticide	4,4'-DDE	n/a	=	8	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	4,4'-DDT	n/a	<	0.0028	µg/L	EPA 608.3	0.0028	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	4,4'-DDT	n/a	=	0.0824	µg/L	EPA 608.3	0.0028	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	4,4'-DDT	n/a	=	82	%	EPA 608.3	-88	-88	46	137	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	4,4'-DDT	n/a	=	0.104	µg/L	EPA 608.3	0.0028	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	4,4'-DDT	n/a	=	104	%	EPA 608.3	-88	-88	46	137	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	4,4'-DDT	n/a	=	24	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	4,4'-DDT	n/a	<	0.0028	µg/L	EPA 608.3	0.0028	0.01			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	4,4'-DDT	n/a	=	0.0861	µg/L	EPA 608.3	0.0028	0.01			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	4,4'-DDT	n/a	=	86	%	EPA 608.3	-88	-88	46	137	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	4,4'-DDT	n/a	=	0.0906	µg/L	EPA 608.3	0.0028	0.01			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	4,4'-DDT	n/a	=	91	%	EPA 608.3	-88	-88	46	137	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	4,4'-DDT	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	4,4'-DDT	n/a	<	0.0028	µg/L	EPA 608.3	0.0028	0.01			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	4,4'-DDT	n/a	=	0.103	µg/L	EPA 608.3	0.0028	0.01			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	4,4'-DDT	n/a	=	103	%	EPA 608.3	-88	-88	46	137	
2022/23-6	Lab	LCS dup	6/7/2023	Pesticide	4,4'-DDT	n/a	=	0.112	µg/L	EPA 608.3	0.0028	0.01			
2022/23-6	Lab	LCS dup, rec	6/7/2023	Pesticide	4,4'-DDT	n/a	=	112	%	EPA 608.3	-88	-88	46	137	
2022/23-6	Lab	LCS, RPD	6/7/2023	Pesticide	4,4'-DDT	n/a	=	8	%	EPA 608.3	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/27/2023	Pesticide	Acifluorfen	n/a	=	4.2	µg/L	EPA 515.4	0.03	0.4			
2022/23-6	000NONPJ	matrix spike, rec	5/27/2023	Pesticide	Acifluorfen	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/27/2023	Pesticide	Acifluorfen	n/a	=	3.96	µg/L	EPA 515.4	0.03	0.4			
2022/23-6	000NONPJ	matrix spike dup, rec	5/27/2023	Pesticide	Acifluorfen	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/27/2023	Pesticide	Acifluorfen	n/a	=	6	%	EPA 515.4	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Pesticide	Acifluorfen	n/a	=	4.21	µg/L	EPA 515.4	0.03	0.4			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Pesticide	Acifluorfen	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Pesticide	Acifluorfen	n/a	=	4.08	µg/L	EPA 515.4	0.03	0.4			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Pesticide	Acifluorfen	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Pesticide	Acifluorfen	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4			
2022/23-6	Lab	LCS	5/27/2023	Pesticide	Acifluorfen	n/a	=	4.06	µg/L	EPA 515.4	0.03	0.4			
2022/23-6	Lab	LCS, rec	5/27/2023	Pesticide	Acifluorfen	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	Acifluorfen	n/a	=	3.96	µg/L	EPA 515.4	0.03	0.4			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	Acifluorfen	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Alachlor	n/a	<	0.063	µg/L	EPA 525.2	0.063	0.1			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Alachlor	n/a	=	6.98	µg/L	EPA 525.2	0.063	0.1			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Alachlor	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Alachlor	n/a	=	7.11	µg/L	EPA 525.2	0.063	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	
2022/23-6	Lab	LCS dup. rec	6/5/2023	Pesticide	Alachlor	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Alachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Pesticide	Alachlor	n/a	<	0.063	µg/L	EPA 525.2	0.063	0.1			
2022/23-6	Lab	LCS	6/6/2023	Pesticide	Alachlor	n/a	=	7.43	µg/L	EPA 525.2	0.063	0.1			
2022/23-6	Lab	LCS, rec	6/6/2023	Pesticide	Alachlor	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/6/2023	Pesticide	Alachlor	n/a	=	7.72	µg/L	EPA 525.2	0.063	0.1			
2022/23-6	Lab	LCS dup. rec	6/6/2023	Pesticide	Alachlor	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/6/2023	Pesticide	Alachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/12/2023	Pesticide	Alachlor	n/a	<	0.063	µg/L	EPA 525.2	0.063	0.1			
2022/23-6	Lab	LCS	6/12/2023	Pesticide	Alachlor	n/a	=	9.03	µg/L	EPA 525.2	0.063	0.1			
2022/23-6	Lab	LCS, rec	6/12/2023	Pesticide	Alachlor	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/12/2023	Pesticide	Alachlor	n/a	=	8.9	µg/L	EPA 525.2	0.063	0.1			
2022/23-6	Lab	LCS dup. rec	6/12/2023	Pesticide	Alachlor	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/12/2023	Pesticide	Alachlor	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Pesticide	Alachlor	n/a	<	0.063	µg/L	EPA 525.2	0.063	0.1			
2022/23-6	Lab	LCS	6/20/2023	Pesticide	Alachlor	n/a	=	10.3	µg/L	EPA 525.2	0.063	0.1			EUM
2022/23-6	Lab	LCS, rec	6/20/2023	Pesticide	Alachlor	n/a	=	137	%	EPA 525.2	-88	-88	70	130	EUM
2022/23-6	Lab	LCS dup	6/20/2023	Pesticide	Alachlor	n/a	=	10.3	µg/L	EPA 525.2	0.063	0.1			EUM
2022/23-6	Lab	LCS dup. rec	6/20/2023	Pesticide	Alachlor	n/a	=	138	%	EPA 525.2	-88	-88	70	130	EUM
2022/23-6	Lab	LCS, RPD	6/20/2023	Pesticide	Alachlor	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	EUM
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Aldrin	n/a	=	0.0612	µg/L	EPA 608.3	0.001	0.005			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Aldrin	n/a	=	61	%	EPA 608.3	-88	-88	54	130	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Aldrin	n/a	=	0.0643	µg/L	EPA 608.3	0.001	0.005			
2022/23-6	Lab	LCS dup. rec	6/2/2023	Pesticide	Aldrin	n/a	=	64	%	EPA 608.3	-88	-88	54	130	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Aldrin	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Aldrin	n/a	=	0.0685	µg/L	EPA 608.3	0.001	0.005			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Aldrin	n/a	=	68	%	EPA 608.3	-88	-88	54	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Aldrin	n/a	=	0.0711	µg/L	EPA 608.3	0.001	0.005			
2022/23-6	Lab	LCS dup. rec	6/5/2023	Pesticide	Aldrin	n/a	=	71	%	EPA 608.3	-88	-88	54	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Aldrin	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 608.3	0.001	0.005			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	Aldrin	n/a	=	0.0712	µg/L	EPA 608.3	0.001	0.005			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	Aldrin	n/a	=	71	%	EPA 608.3	-88	-88	54	130	
2022/23-6	Lab	LCS dup	6/7/2023	Pesticide	Aldrin	n/a	=	0.0733	µg/L	EPA 608.3	0.001	0.005			
2022/23-6	Lab	LCS dup. rec	6/7/2023	Pesticide	Aldrin	n/a	=	73	%	EPA 608.3	-88	-88	54	130	
2022/23-6	Lab	LCS, RPD	6/7/2023	Pesticide	Aldrin	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	alpha-BHC	n/a	<	0.0024	µg/L	EPA 608.3	0.0024	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	alpha-BHC	n/a	=	0.0717	µg/L	EPA 608.3	0.0024	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	alpha-BHC	n/a	=	72	%	EPA 608.3	-88	-88	49	130	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	alpha-BHC	n/a	=	0.0747	µg/L	EPA 608.3	0.0024	0.01			
2022/23-6	Lab	LCS dup. rec	6/2/2023	Pesticide	alpha-BHC	n/a	=	75	%	EPA 608.3	-88	-88	49	130	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	alpha-BHC	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	alpha-BHC	n/a	<	0.0024	µg/L	EPA 608.3	0.0024	0.01			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	alpha-BHC	n/a	=	0.0706	µg/L	EPA 608.3	0.0024	0.01			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	alpha-BHC	n/a	=	71	%	EPA 608.3	-88	-88	49	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	alpha-BHC	n/a	=	0.0753	µg/L	EPA 608.3	0.0024	0.01			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	alpha-BHC	n/a	=	75	%	EPA 608.3	-88	-88	49	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	alpha-BHC	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	alpha-BHC	n/a	<	0.0024	µg/L	EPA 608.3	0.0024	0.01			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	alpha-BHC	n/a	=	0.0752	µg/L	EPA 608.3	0.0024	0.01			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	alpha-BHC	n/a	=	75	%	EPA 608.3	-88	-88	49	130	
2022/23-6	Lab	LCS dup	6/7/2023	Pesticide	alpha-BHC	n/a	=	0.0795	µg/L	EPA 608.3	0.0024	0.01			
2022/23-6	Lab	LCS dup, rec	6/7/2023	Pesticide	alpha-BHC	n/a	=	80	%	EPA 608.3	-88	-88	49	130	
2022/23-6	Lab	LCS, RPD	6/7/2023	Pesticide	alpha-BHC	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	alpha-Chlordane	n/a	=	0.0729	µg/L	EPA 608.3	0.0029	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	alpha-Chlordane	n/a	=	73	%	EPA 608.3	-88	-88	23	127	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	alpha-Chlordane	n/a	=	0.073	µg/L	EPA 608.3	0.0029	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	alpha-Chlordane	n/a	=	73	%	EPA 608.3	-88	-88	23	127	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	alpha-Chlordane	n/a	=	0.2	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	alpha-Chlordane	n/a	=	0.0725	µg/L	EPA 608.3	0.0029	0.01			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	alpha-Chlordane	n/a	=	72	%	EPA 608.3	-88	-88	23	127	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	alpha-Chlordane	n/a	=	0.076	µg/L	EPA 608.3	0.0029	0.01			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	alpha-Chlordane	n/a	=	76	%	EPA 608.3	-88	-88	23	127	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	alpha-Chlordane	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	alpha-Chlordane	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.01			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	alpha-Chlordane	n/a	=	0.0754	µg/L	EPA 608.3	0.0029	0.01			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	alpha-Chlordane	n/a	=	75	%	EPA 608.3	-88	-88	23	127	
2022/23-6	Lab	LCS dup	6/7/2023	Pesticide	alpha-Chlordane	n/a	=	0.0807	µg/L	EPA 608.3	0.0029	0.01			
2022/23-6	Lab	LCS dup, rec	6/7/2023	Pesticide	alpha-Chlordane	n/a	=	81	%	EPA 608.3	-88	-88	23	127	
2022/23-6	Lab	LCS, RPD	6/7/2023	Pesticide	alpha-Chlordane	n/a	=	7	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Atrazine	n/a	<	0.042	µg/L	EPA 525.2	0.042	0.1			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Atrazine	n/a	=	5.5	µg/L	EPA 525.2	0.042	0.1			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Atrazine	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Atrazine	n/a	=	5.72	µg/L	EPA 525.2	0.042	0.1			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Atrazine	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Atrazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Pesticide	Atrazine	n/a	<	0.042	µg/L	EPA 525.2	0.042	0.1			
2022/23-6	Lab	LCS	6/6/2023	Pesticide	Atrazine	n/a	=	5.72	µg/L	EPA 525.2	0.042	0.1			
2022/23-6	Lab	LCS, rec	6/6/2023	Pesticide	Atrazine	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/6/2023	Pesticide	Atrazine	n/a	=	5.94	µg/L	EPA 525.2	0.042	0.1			
2022/23-6	Lab	LCS dup, rec	6/6/2023	Pesticide	Atrazine	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/6/2023	Pesticide	Atrazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/12/2023	Pesticide	Atrazine	n/a	<	0.042	µg/L	EPA 525.2	0.042	0.1			
2022/23-6	Lab	LCS	6/12/2023	Pesticide	Atrazine	n/a	=	5.87	µg/L	EPA 525.2	0.042	0.1			
2022/23-6	Lab	LCS, rec	6/12/2023	Pesticide	Atrazine	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/12/2023	Pesticide	Atrazine	n/a	=	6.48	µg/L	EPA 525.2	0.042	0.1			
2022/23-6	Lab	LCS dup, rec	6/12/2023	Pesticide	Atrazine	n/a	=	130	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/12/2023	Pesticide	Atrazine	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Pesticide	Atrazine	n/a	<	0.042	µg/L	EPA 525.2	0.042	0.1			
2022/23-6	Lab	LCS	6/20/2023	Pesticide	Atrazine	n/a	=	6.58	µg/L	EPA 525.2	0.042	0.1			EUM

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, rec	6/20/2023	Pesticide	Atrazine	n/a	=	132	%	EPA 525.2	-88	-88	70	130	EUM
2022/23-6	Lab	LCS dup	6/20/2023	Pesticide	Atrazine	n/a	=	6.02	µg/L	EPA 525.2	0.042	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Pesticide	Atrazine	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/20/2023	Pesticide	Atrazine	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Azinphos methyl	n/a	=	0.045	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Azinphos methyl	n/a	=	90	%	EPA 625.1m	-88	-88	47	200	
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Azinphos methyl	n/a	=	0.0472	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-6	Lab	LCS dup, rec	5/27/2023	Pesticide	Azinphos methyl	n/a	=	94	%	EPA 625.1m	-88	-88	47	200	
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Azinphos methyl	n/a	=	5	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Azinphos methyl	n/a	=	0.0456	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Azinphos methyl	n/a	=	91	%	EPA 625.1m	-88	-88	47	200	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Azinphos methyl	n/a	=	0.0533	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Azinphos methyl	n/a	=	107	%	EPA 625.1m	-88	-88	47	200	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Azinphos methyl	n/a	=	16	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01			
2022/23-6	000NONPJ	matrix spike	5/27/2023	Pesticide	Bentazon	n/a	=	15.7	µg/L	EPA 515.4	0.23	2			
2022/23-6	000NONPJ	matrix spike, rec	5/27/2023	Pesticide	Bentazon	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/27/2023	Pesticide	Bentazon	n/a	=	15.5	µg/L	EPA 515.4	0.23	2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/27/2023	Pesticide	Bentazon	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/27/2023	Pesticide	Bentazon	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Pesticide	Bentazon	n/a	=	15.1	µg/L	EPA 515.4	0.23	2			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Pesticide	Bentazon	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Pesticide	Bentazon	n/a	=	15.7	µg/L	EPA 515.4	0.23	2			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Pesticide	Bentazon	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Pesticide	Bentazon	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2			
2022/23-6	Lab	LCS	5/27/2023	Pesticide	Bentazon	n/a	=	15.9	µg/L	EPA 515.4	0.23	2			
2022/23-6	Lab	LCS, rec	5/27/2023	Pesticide	Bentazon	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	Bentazon	n/a	=	16.4	µg/L	EPA 515.4	0.23	2			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	Bentazon	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	beta-BHC	n/a	=	0.0688	µg/L	EPA 608.3	0.0015	0.005			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	beta-BHC	n/a	=	69	%	EPA 608.3	-88	-88	39	130	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	beta-BHC	n/a	=	0.069	µg/L	EPA 608.3	0.0015	0.005			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	beta-BHC	n/a	=	69	%	EPA 608.3	-88	-88	39	130	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	beta-BHC	n/a	=	0.2	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	beta-BHC	n/a	=	0.0701	µg/L	EPA 608.3	0.0015	0.005			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	beta-BHC	n/a	=	70	%	EPA 608.3	-88	-88	39	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	beta-BHC	n/a	=	0.0706	µg/L	EPA 608.3	0.0015	0.005			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	beta-BHC	n/a	=	71	%	EPA 608.3	-88	-88	39	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	beta-BHC	n/a	=	0.7	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	beta-BHC	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.005			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	beta-BHC	n/a	=	0.0744	µg/L	EPA 608.3	0.0015	0.005			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	beta-BHC	n/a	=	74	%	EPA 608.3	-88	-88	39	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS dup	6/7/2023	Pesticide	beta-BHC	n/a	=	0.079	µg/L	EPA 608.3	0.0015	0.005			
2022/23-6	Lab	LCS dup, rec	6/7/2023	Pesticide	beta-BHC	n/a	=	79	%	EPA 608.3	-88	-88	39	130	
2022/23-6	Lab	LCS, RPD	6/7/2023	Pesticide	beta-BHC	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Bolstar	n/a	=	0.0471	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Bolstar	n/a	=	94	%	EPA 625.1m	-88	-88	27	162	
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Bolstar	n/a	=	0.036	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-6	Lab	LCS dup, rec	5/27/2023	Pesticide	Bolstar	n/a	=	72	%	EPA 625.1m	-88	-88	27	162	
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Bolstar	n/a	=	27	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Bolstar	n/a	=	0.0407	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Bolstar	n/a	=	81	%	EPA 625.1m	-88	-88	27	162	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Bolstar	n/a	=	0.0415	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Bolstar	n/a	=	83	%	EPA 625.1m	-88	-88	27	162	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Bolstar	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01			
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Bromacil	n/a	<	0.24	µg/L	EPA 525.2	0.24	0.5			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Bromacil	n/a	=	4.56	µg/L	EPA 525.2	0.24	0.5			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Bromacil	n/a	=	91	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Bromacil	n/a	=	4.66	µg/L	EPA 525.2	0.24	0.5			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Bromacil	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Bromacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Pesticide	Bromacil	n/a	<	0.24	µg/L	EPA 525.2	0.24	0.5			
2022/23-6	Lab	LCS	6/6/2023	Pesticide	Bromacil	n/a	=	4.91	µg/L	EPA 525.2	0.24	0.5			
2022/23-6	Lab	LCS, rec	6/6/2023	Pesticide	Bromacil	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/6/2023	Pesticide	Bromacil	n/a	=	5.18	µg/L	EPA 525.2	0.24	0.5			
2022/23-6	Lab	LCS dup, rec	6/6/2023	Pesticide	Bromacil	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/6/2023	Pesticide	Bromacil	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/12/2023	Pesticide	Bromacil	n/a	<	0.24	µg/L	EPA 525.2	0.24	0.5			
2022/23-6	Lab	LCS	6/12/2023	Pesticide	Bromacil	n/a	=	5.95	µg/L	EPA 525.2	0.24	0.5			
2022/23-6	Lab	LCS, rec	6/12/2023	Pesticide	Bromacil	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/12/2023	Pesticide	Bromacil	n/a	=	6.06	µg/L	EPA 525.2	0.24	0.5			
2022/23-6	Lab	LCS dup, rec	6/12/2023	Pesticide	Bromacil	n/a	=	121	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/12/2023	Pesticide	Bromacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Pesticide	Bromacil	n/a	<	0.24	µg/L	EPA 525.2	0.24	0.5			
2022/23-6	Lab	LCS	6/20/2023	Pesticide	Bromacil	n/a	=	6.82	µg/L	EPA 525.2	0.24	0.5			EUM
2022/23-6	Lab	LCS, rec	6/20/2023	Pesticide	Bromacil	n/a	=	136	%	EPA 525.2	-88	-88	70	130	EUM
2022/23-6	Lab	LCS dup	6/20/2023	Pesticide	Bromacil	n/a	=	6.64	µg/L	EPA 525.2	0.24	0.5			EUM
2022/23-6	Lab	LCS dup, rec	6/20/2023	Pesticide	Bromacil	n/a	=	133	%	EPA 525.2	-88	-88	70	130	EUM
2022/23-6	Lab	LCS, RPD	6/20/2023	Pesticide	Bromacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	EUM
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Butachlor	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Butachlor	n/a	=	4.03	µg/L	EPA 525.2	0.04	0.1			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Butachlor	n/a	=	81	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Butachlor	n/a	=	4.17	µg/L	EPA 525.2	0.04	0.1			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Butachlor	n/a	=	83	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Butachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Pesticide	Butachlor	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2022/23-6	Lab	LCS	6/6/2023	Pesticide	Butachlor	n/a	=	3.29	µg/L	EPA 525.2	0.04	0.1			EUM

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, rec	6/6/2023	Pesticide	Butachlor	n/a	=	66	%	EPA 525.2	-88	-88	70	130	EUM
2022/23-6	Lab	LCS dup	6/6/2023	Pesticide	Butachlor	n/a	=	3.21	µg/L	EPA 525.2	0.04	0.1			EUM
2022/23-6	Lab	LCS dup, rec	6/6/2023	Pesticide	Butachlor	n/a	=	64	%	EPA 525.2	-88	-88	70	130	EUM
2022/23-6	Lab	LCS, RPD	6/6/2023	Pesticide	Butachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	EUM
2022/23-6	Lab	method blank	6/12/2023	Pesticide	Butachlor	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2022/23-6	Lab	LCS	6/12/2023	Pesticide	Butachlor	n/a	=	5.54	µg/L	EPA 525.2	0.04	0.1			
2022/23-6	Lab	LCS, rec	6/12/2023	Pesticide	Butachlor	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/12/2023	Pesticide	Butachlor	n/a	=	5.63	µg/L	EPA 525.2	0.04	0.1			
2022/23-6	Lab	LCS dup, rec	6/12/2023	Pesticide	Butachlor	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/12/2023	Pesticide	Butachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Pesticide	Butachlor	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2022/23-6	Lab	LCS	6/20/2023	Pesticide	Butachlor	n/a	=	6.73	µg/L	EPA 525.2	0.04	0.1			EUM
2022/23-6	Lab	LCS, rec	6/20/2023	Pesticide	Butachlor	n/a	=	135	%	EPA 525.2	-88	-88	70	130	EUM
2022/23-6	Lab	LCS dup	6/20/2023	Pesticide	Butachlor	n/a	=	6.36	µg/L	EPA 525.2	0.04	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Pesticide	Butachlor	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/20/2023	Pesticide	Butachlor	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Captan	n/a	=	5.47	µg/L	EPA 525.2	0.32	1			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Captan	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Captan	n/a	=	5.47	µg/L	EPA 525.2	0.32	1			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Captan	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Captan	n/a	=	0.03	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2022/23-6	Lab	LCS	6/6/2023	Pesticide	Captan	n/a	=	5.3	µg/L	EPA 525.2	0.32	1			
2022/23-6	Lab	LCS, rec	6/6/2023	Pesticide	Captan	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/6/2023	Pesticide	Captan	n/a	=	5.51	µg/L	EPA 525.2	0.32	1			
2022/23-6	Lab	LCS dup, rec	6/6/2023	Pesticide	Captan	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/6/2023	Pesticide	Captan	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/12/2023	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2022/23-6	Lab	LCS	6/12/2023	Pesticide	Captan	n/a	=	5.48	µg/L	EPA 525.2	0.32	1			
2022/23-6	Lab	LCS, rec	6/12/2023	Pesticide	Captan	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/12/2023	Pesticide	Captan	n/a	=	5.7	µg/L	EPA 525.2	0.32	1			
2022/23-6	Lab	LCS dup, rec	6/12/2023	Pesticide	Captan	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/12/2023	Pesticide	Captan	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2022/23-6	Lab	LCS	6/20/2023	Pesticide	Captan	n/a	=	5.46	µg/L	EPA 525.2	0.32	1			
2022/23-6	Lab	LCS, rec	6/20/2023	Pesticide	Captan	n/a	=	109	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/20/2023	Pesticide	Captan	n/a	=	5.52	µg/L	EPA 525.2	0.32	1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Pesticide	Captan	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/20/2023	Pesticide	Captan	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2022/23-6	Lab	method blank	6/7/2023	Pesticide	Chlordane (technical)	n/a	<	0.043	µg/L	EPA 608.3	0.043	0.1			
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Chloroprotham	n/a	=	5.24	µg/L	EPA 525.2	0.04	0.1			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Chloroprotham	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Chloroprotham	n/a	=	5.78	µg/L	EPA 525.2	0.04	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS dup. rec	6/5/2023	Pesticide	Chloroprotham	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Chloroprotham	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2022/23-6	Lab	LCS	6/6/2023	Pesticide	Chloroprotham	n/a	=	5.73	µg/L	EPA 525.2	0.04	0.1			
2022/23-6	Lab	LCS, rec	6/6/2023	Pesticide	Chloroprotham	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/6/2023	Pesticide	Chloroprotham	n/a	=	5.65	µg/L	EPA 525.2	0.04	0.1			
2022/23-6	Lab	LCS dup. rec	6/6/2023	Pesticide	Chloroprotham	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/6/2023	Pesticide	Chloroprotham	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/12/2023	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2022/23-6	Lab	LCS	6/12/2023	Pesticide	Chloroprotham	n/a	=	5.89	µg/L	EPA 525.2	0.04	0.1			
2022/23-6	Lab	LCS, rec	6/12/2023	Pesticide	Chloroprotham	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/12/2023	Pesticide	Chloroprotham	n/a	=	6.09	µg/L	EPA 525.2	0.04	0.1			
2022/23-6	Lab	LCS dup. rec	6/12/2023	Pesticide	Chloroprotham	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/12/2023	Pesticide	Chloroprotham	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2022/23-6	Lab	LCS	6/20/2023	Pesticide	Chloroprotham	n/a	=	5.72	µg/L	EPA 525.2	0.04	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Pesticide	Chloroprotham	n/a	=	114	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/20/2023	Pesticide	Chloroprotham	n/a	=	5.75	µg/L	EPA 525.2	0.04	0.1			
2022/23-6	Lab	LCS dup. rec	6/20/2023	Pesticide	Chloroprotham	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/20/2023	Pesticide	Chloroprotham	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Chlorpyrifos	n/a	=	0.039	µg/L	EPA 625.1m	0.004	0.01			
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Chlorpyrifos	n/a	=	78	%	EPA 625.1m	-88	-88	72	144	
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Chlorpyrifos	n/a	=	0.0391	µg/L	EPA 625.1m	0.004	0.01			
2022/23-6	Lab	LCS dup. rec	5/27/2023	Pesticide	Chlorpyrifos	n/a	=	78	%	EPA 625.1m	-88	-88	72	144	
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Chlorpyrifos	n/a	=	0.4	%	EPA 625.1m	-88	-88	0	25	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Chlorpyrifos	n/a	=	0.0447	µg/L	EPA 625.1m	0.004	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Chlorpyrifos	n/a	=	89	%	EPA 625.1m	-88	-88	72	144	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Chlorpyrifos	n/a	=	0.0449	µg/L	EPA 625.1m	0.004	0.01			
2022/23-6	Lab	LCS dup. rec	6/2/2023	Pesticide	Chlorpyrifos	n/a	=	90	%	EPA 625.1m	-88	-88	72	144	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Chlorpyrifos	n/a	=	0.5	%	EPA 625.1m	-88	-88	0	25	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01			
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Coumaphos	n/a	=	0.0624	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Coumaphos	n/a	=	125	%	EPA 625.1m	-88	-88	10	200	
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Coumaphos	n/a	=	0.0511	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-6	Lab	LCS dup. rec	5/27/2023	Pesticide	Coumaphos	n/a	=	102	%	EPA 625.1m	-88	-88	10	200	
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Coumaphos	n/a	=	20	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Coumaphos	n/a	=	0.0474	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Coumaphos	n/a	=	95	%	EPA 625.1m	-88	-88	10	200	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Coumaphos	n/a	=	0.0549	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-6	Lab	LCS dup. rec	6/2/2023	Pesticide	Coumaphos	n/a	=	110	%	EPA 625.1m	-88	-88	10	200	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Coumaphos	n/a	=	15	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-6	000NONPJ	matrix spike	5/27/2023	Pesticide	Dalapon	n/a	=	7.71	µg/L	EPA 515.4	0.11	0.4			
2022/23-6	000NONPJ	matrix spike, rec	5/27/2023	Pesticide	Dalapon	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/27/2023	Pesticide	Dalapon	n/a	=	7.43	µg/L	EPA 515.4	0.11	0.4			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	000NONPJ	matrix spike dup, rec	5/27/2023	Pesticide	Dalapon	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/27/2023	Pesticide	Dalapon	n/a	=	4	%	EPA 515.4	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Pesticide	Dalapon	n/a	=	8.19	µg/L	EPA 515.4	0.11	0.4			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Pesticide	Dalapon	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Pesticide	Dalapon	n/a	=	8.62	µg/L	EPA 515.4	0.11	0.4			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Pesticide	Dalapon	n/a	=	108	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Pesticide	Dalapon	n/a	=	5	%	EPA 515.4	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4			
2022/23-6	Lab	LCS	5/27/2023	Pesticide	Dalapon	n/a	=	7.69	µg/L	EPA 515.4	0.11	0.4			
2022/23-6	Lab	LCS, rec	5/27/2023	Pesticide	Dalapon	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	Dalapon	n/a	=	8.37	µg/L	EPA 515.4	0.11	0.4			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	Dalapon	n/a	=	105	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike	5/27/2023	Pesticide	DCPA (Dacthal)	n/a	=	4.07	µg/L	EPA 515.4	0.029	0.1			
2022/23-6	000NONPJ	matrix spike, rec	5/27/2023	Pesticide	DCPA (Dacthal)	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/27/2023	Pesticide	DCPA (Dacthal)	n/a	=	3.79	µg/L	EPA 515.4	0.029	0.1			
2022/23-6	000NONPJ	matrix spike dup, rec	5/27/2023	Pesticide	DCPA (Dacthal)	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/27/2023	Pesticide	DCPA (Dacthal)	n/a	=	7	%	EPA 515.4	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Pesticide	DCPA (Dacthal)	n/a	=	4.09	µg/L	EPA 515.4	0.029	0.1			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Pesticide	DCPA (Dacthal)	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Pesticide	DCPA (Dacthal)	n/a	=	4.12	µg/L	EPA 515.4	0.029	0.1			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Pesticide	DCPA (Dacthal)	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Pesticide	DCPA (Dacthal)	n/a	=	0.7	%	EPA 515.4	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1			
2022/23-6	Lab	LCS	5/27/2023	Pesticide	DCPA (Dacthal)	n/a	=	3.63	µg/L	EPA 515.4	0.029	0.1			
2022/23-6	Lab	LCS, rec	5/27/2023	Pesticide	DCPA (Dacthal)	n/a	=	91	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	DCPA (Dacthal)	n/a	=	4.1	µg/L	EPA 515.4	0.029	0.1			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	DCPA (Dacthal)	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	delta-BHC	n/a	=	0.0703	µg/L	EPA 608.3	0.0019	0.005			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	delta-BHC	n/a	=	70	%	EPA 608.3	-88	-88	51	130	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	delta-BHC	n/a	=	0.072	µg/L	EPA 608.3	0.0019	0.005			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	delta-BHC	n/a	=	72	%	EPA 608.3	-88	-88	51	130	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	delta-BHC	n/a	=	2	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	delta-BHC	n/a	=	0.0692	µg/L	EPA 608.3	0.0019	0.005			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	delta-BHC	n/a	=	69	%	EPA 608.3	-88	-88	51	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	delta-BHC	n/a	=	0.073	µg/L	EPA 608.3	0.0019	0.005			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	delta-BHC	n/a	=	73	%	EPA 608.3	-88	-88	51	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	delta-BHC	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	delta-BHC	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.005			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	delta-BHC	n/a	=	0.0726	µg/L	EPA 608.3	0.0019	0.005			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	delta-BHC	n/a	=	73	%	EPA 608.3	-88	-88	51	130	
2022/23-6	Lab	LCS dup	6/7/2023	Pesticide	delta-BHC	n/a	=	0.0766	µg/L	EPA 608.3	0.0019	0.005			
2022/23-6	Lab	LCS dup, rec	6/7/2023	Pesticide	delta-BHC	n/a	=	77	%	EPA 608.3	-88	-88	51	130	
2022/23-6	Lab	LCS, RPD	6/7/2023	Pesticide	delta-BHC	n/a	=	5	%	EPA 608.3	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Demeton-O	n/a	DNQ	0.0067	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Demeton-O	n/a	=	53	%	EPA 625.1m	-88	-88	23	121	
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Demeton-O	n/a	DNQ	0.0048	µg/L	EPA 625.1m	0.0019	0.01			IL
2022/23-6	Lab	LCS dup, rec	5/27/2023	Pesticide	Demeton-O	n/a	=	38	%	EPA 625.1m	-88	-88	23	121	IL
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Demeton-O	n/a	=	34	%	EPA 625.1m	-88	-88	0	30	IL
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Demeton-O	n/a	DNQ	0.0073	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Demeton-O	n/a	=	58	%	EPA 625.1m	-88	-88	23	121	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Demeton-O	n/a	DNQ	0.0076	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Demeton-O	n/a	=	60	%	EPA 625.1m	-88	-88	23	121	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Demeton-O	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01			
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Demeton-S	n/a	=	0.0159	µg/L	EPA 625.1m	0.0014	0.01			EUM
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Demeton-S	n/a	=	42	%	EPA 625.1m	-88	-88	53	147	EUM
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Demeton-S	n/a	=	0.0162	µg/L	EPA 625.1m	0.0014	0.01			EUM
2022/23-6	Lab	LCS dup, rec	5/27/2023	Pesticide	Demeton-S	n/a	=	43	%	EPA 625.1m	-88	-88	53	147	EUM
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Demeton-S	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	EUM
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Demeton-S	n/a	=	0.0246	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Demeton-S	n/a	=	66	%	EPA 625.1m	-88	-88	53	147	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Demeton-S	n/a	=	0.0257	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Demeton-S	n/a	=	68	%	EPA 625.1m	-88	-88	53	147	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Demeton-S	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01			
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Diazinon	n/a	=	0.0402	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Diazinon	n/a	=	80	%	EPA 625.1m	-88	-88	75	150	
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Diazinon	n/a	=	0.0336	µg/L	EPA 625.1m	0.0034	0.01			EUM
2022/23-6	Lab	LCS dup, rec	5/27/2023	Pesticide	Diazinon	n/a	=	67	%	EPA 625.1m	-88	-88	75	151	EUM
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Diazinon	n/a	=	18	%	EPA 625.1m	-88	-88	0	25	EUM
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Diazinon	n/a	=	0.0407	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Diazinon	n/a	=	81	%	EPA 625.1m	-88	-88	75	150	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Diazinon	n/a	=	0.0414	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Diazinon	n/a	=	83	%	EPA 625.1m	-88	-88	75	151	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Diazinon	n/a	=	2	%	EPA 625.1m	-88	-88	0	25	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Diazinon	n/a	=	4.34	µg/L	EPA 525.2	0.022	0.1			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Diazinon	n/a	=	87	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Diazinon	n/a	=	4.56	µg/L	EPA 525.2	0.022	0.1			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Diazinon	n/a	=	91	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Diazinon	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2022/23-6	Lab	LCS	6/6/2023	Pesticide	Diazinon	n/a	=	4.76	µg/L	EPA 525.2	0.022	0.1			
2022/23-6	Lab	LCS, rec	6/6/2023	Pesticide	Diazinon	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS dup	6/6/2023	Pesticide	Diazinon	n/a	=	4.51	µg/L	EPA 525.2	0.022	0.1			
2022/23-6	Lab	LCS dup, rec	6/6/2023	Pesticide	Diazinon	n/a	=	90	%	EPA 525.2	-88	-88	50	120	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, RPD	6/6/2023	Pesticide	Diazinon	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/12/2023	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2022/23-6	Lab	LCS	6/12/2023	Pesticide	Diazinon	n/a	=	4.9	µg/L	EPA 525.2	0.022	0.1			
2022/23-6	Lab	LCS, rec	6/12/2023	Pesticide	Diazinon	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS dup	6/12/2023	Pesticide	Diazinon	n/a	=	4.72	µg/L	EPA 525.2	0.022	0.1			
2022/23-6	Lab	LCS dup, rec	6/12/2023	Pesticide	Diazinon	n/a	=	94	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS, RPD	6/12/2023	Pesticide	Diazinon	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2022/23-6	Lab	LCS	6/20/2023	Pesticide	Diazinon	n/a	=	5.54	µg/L	EPA 525.2	0.022	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Pesticide	Diazinon	n/a	=	111	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS dup	6/20/2023	Pesticide	Diazinon	n/a	=	5.62	µg/L	EPA 525.2	0.022	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Pesticide	Diazinon	n/a	=	112	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS, RPD	6/20/2023	Pesticide	Diazinon	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/27/2023	Pesticide	Dicamba	n/a	=	7.9	µg/L	EPA 515.4	0.049	0.6			
2022/23-6	000NONPJ	matrix spike, rec	5/27/2023	Pesticide	Dicamba	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/27/2023	Pesticide	Dicamba	n/a	=	7.91	µg/L	EPA 515.4	0.049	0.6			
2022/23-6	000NONPJ	matrix spike dup, rec	5/27/2023	Pesticide	Dicamba	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/27/2023	Pesticide	Dicamba	n/a	=	0.1	%	EPA 515.4	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Pesticide	Dicamba	n/a	=	7.97	µg/L	EPA 515.4	0.049	0.6			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Pesticide	Dicamba	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Pesticide	Dicamba	n/a	=	8.09	µg/L	EPA 515.4	0.049	0.6			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Pesticide	Dicamba	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Pesticide	Dicamba	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6			
2022/23-6	Lab	LCS	5/27/2023	Pesticide	Dicamba	n/a	=	8.06	µg/L	EPA 515.4	0.049	0.6			
2022/23-6	Lab	LCS, rec	5/27/2023	Pesticide	Dicamba	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	Dicamba	n/a	=	8.04	µg/L	EPA 515.4	0.049	0.6			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	Dicamba	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike	5/27/2023	Pesticide	Dichlorprop	n/a	=	8.24	µg/L	EPA 515.4	0.12	0.3			
2022/23-6	000NONPJ	matrix spike, rec	5/27/2023	Pesticide	Dichlorprop	n/a	=	103	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/27/2023	Pesticide	Dichlorprop	n/a	=	8.1	µg/L	EPA 515.4	0.12	0.3			
2022/23-6	000NONPJ	matrix spike dup, rec	5/27/2023	Pesticide	Dichlorprop	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/27/2023	Pesticide	Dichlorprop	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Pesticide	Dichlorprop	n/a	=	7.92	µg/L	EPA 515.4	0.12	0.3			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Pesticide	Dichlorprop	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Pesticide	Dichlorprop	n/a	=	8.18	µg/L	EPA 515.4	0.12	0.3			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Pesticide	Dichlorprop	n/a	=	102	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Pesticide	Dichlorprop	n/a	=	3	%	EPA 515.4	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3			
2022/23-6	Lab	LCS	5/27/2023	Pesticide	Dichlorprop	n/a	=	8.31	µg/L	EPA 515.4	0.12	0.3			
2022/23-6	Lab	LCS, rec	5/27/2023	Pesticide	Dichlorprop	n/a	=	104	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	Dichlorprop	n/a	=	8.11	µg/L	EPA 515.4	0.12	0.3			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	Dichlorprop	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Dichlorvos	n/a	=	0.0589	µg/L	EPA 625.1m	0.0026	0.01			
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Dichlorvos	n/a	=	118	%	EPA 625.1m	-88	-88	39	118	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Dichlorvos	n/a	=	0.0496	µg/L	EPA 625.1m	0.0026	0.01			
2022/23-6	Lab	LCS dup, rec	5/27/2023	Pesticide	Dichlorvos	n/a	=	99	%	EPA 625.1m	-88	-88	39	118	
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Dichlorvos	n/a	=	17	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Dichlorvos	n/a	=	0.0455	µg/L	EPA 625.1m	0.0026	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Dichlorvos	n/a	=	91	%	EPA 625.1m	-88	-88	39	118	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Dichlorvos	n/a	=	0.0506	µg/L	EPA 625.1m	0.0026	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Dichlorvos	n/a	=	101	%	EPA 625.1m	-88	-88	39	118	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Dichlorvos	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01			
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Dieldrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Dieldrin	n/a	=	0.0712	µg/L	EPA 608.3	0.0017	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Dieldrin	n/a	=	71	%	EPA 608.3	-88	-88	58	130	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Dieldrin	n/a	=	0.0723	µg/L	EPA 608.3	0.0017	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Dieldrin	n/a	=	72	%	EPA 608.3	-88	-88	58	130	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Dieldrin	n/a	=	2	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Dieldrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Dieldrin	n/a	=	0.0703	µg/L	EPA 608.3	0.0017	0.01			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Dieldrin	n/a	=	70	%	EPA 608.3	-88	-88	58	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Dieldrin	n/a	=	0.0739	µg/L	EPA 608.3	0.0017	0.01			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Dieldrin	n/a	=	74	%	EPA 608.3	-88	-88	58	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Dieldrin	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	Dieldrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	Dieldrin	n/a	=	0.0726	µg/L	EPA 608.3	0.0017	0.01			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	Dieldrin	n/a	=	73	%	EPA 608.3	-88	-88	58	130	
2022/23-6	Lab	LCS dup	6/7/2023	Pesticide	Dieldrin	n/a	=	0.0769	µg/L	EPA 608.3	0.0017	0.01			
2022/23-6	Lab	LCS dup, rec	6/7/2023	Pesticide	Dieldrin	n/a	=	77	%	EPA 608.3	-88	-88	58	130	
2022/23-6	Lab	LCS, RPD	6/7/2023	Pesticide	Dieldrin	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Dimethoate	n/a	=	0.0231	µg/L	EPA 625.1m	0.0089	0.01			
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Dimethoate	n/a	=	46	%	EPA 625.1m	-88	-88	10	200	
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Dimethoate	n/a	=	0.03	µg/L	EPA 625.1m	0.0089	0.01			
2022/23-6	Lab	LCS dup, rec	5/27/2023	Pesticide	Dimethoate	n/a	=	60	%	EPA 625.1m	-88	-88	10	200	
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Dimethoate	n/a	=	26	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Dimethoate	n/a	=	0.0405	µg/L	EPA 625.1m	0.0089	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Dimethoate	n/a	=	81	%	EPA 625.1m	-88	-88	10	200	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Dimethoate	n/a	=	0.043	µg/L	EPA 625.1m	0.0089	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Dimethoate	n/a	=	86	%	EPA 625.1m	-88	-88	10	200	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Dimethoate	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01			
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Dimethoate	n/a	<	0.041	µg/L	EPA 525.2	0.041	0.2			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Dimethoate	n/a	=	4.64	µg/L	EPA 525.2	0.041	0.2			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Dimethoate	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Dimethoate	n/a	=	4.56	µg/L	EPA 525.2	0.041	0.2			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Dimethoate	n/a	=	91	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Dimethoate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Pesticide	Dimethoate	n/a	<	0.041	µg/L	EPA 525.2	0.041	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	
2022/23-6	Lab	LCS	6/6/2023	Pesticide	Dimethoate	n/a	=	5.04	µg/L	EPA 525.2	0.041	0.2			
2022/23-6	Lab	LCS, rec	6/6/2023	Pesticide	Dimethoate	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS dup	6/6/2023	Pesticide	Dimethoate	n/a	=	5.03	µg/L	EPA 525.2	0.041	0.2			
2022/23-6	Lab	LCS dup, rec	6/6/2023	Pesticide	Dimethoate	n/a	=	101	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS, RPD	6/6/2023	Pesticide	Dimethoate	n/a	=	0.06	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/12/2023	Pesticide	Dimethoate	n/a	<	0.041	µg/L	EPA 525.2	0.041	0.2			
2022/23-6	Lab	LCS	6/12/2023	Pesticide	Dimethoate	n/a	=	4.68	µg/L	EPA 525.2	0.041	0.2			
2022/23-6	Lab	LCS, rec	6/12/2023	Pesticide	Dimethoate	n/a	=	94	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS dup	6/12/2023	Pesticide	Dimethoate	n/a	=	5.28	µg/L	EPA 525.2	0.041	0.2			
2022/23-6	Lab	LCS dup, rec	6/12/2023	Pesticide	Dimethoate	n/a	=	106	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS, RPD	6/12/2023	Pesticide	Dimethoate	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Pesticide	Dimethoate	n/a	<	0.041	µg/L	EPA 525.2	0.041	0.2			
2022/23-6	Lab	LCS	6/20/2023	Pesticide	Dimethoate	n/a	=	4.1	µg/L	EPA 525.2	0.041	0.2			
2022/23-6	Lab	LCS, rec	6/20/2023	Pesticide	Dimethoate	n/a	=	82	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS dup	6/20/2023	Pesticide	Dimethoate	n/a	=	4.2	µg/L	EPA 525.2	0.041	0.2			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Pesticide	Dimethoate	n/a	=	84	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS, RPD	6/20/2023	Pesticide	Dimethoate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/27/2023	Pesticide	Dinoseb	n/a	=	4.24	µg/L	EPA 515.4	0.033	0.4			
2022/23-6	000NONPJ	matrix spike, rec	5/27/2023	Pesticide	Dinoseb	n/a	=	106	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/27/2023	Pesticide	Dinoseb	n/a	=	3.9	µg/L	EPA 515.4	0.033	0.4			
2022/23-6	000NONPJ	matrix spike dup, rec	5/27/2023	Pesticide	Dinoseb	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/27/2023	Pesticide	Dinoseb	n/a	=	8	%	EPA 515.4	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Pesticide	Dinoseb	n/a	=	3.82	µg/L	EPA 515.4	0.033	0.4			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Pesticide	Dinoseb	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Pesticide	Dinoseb	n/a	=	3.78	µg/L	EPA 515.4	0.033	0.4			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Pesticide	Dinoseb	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Pesticide	Dinoseb	n/a	=	1	%	EPA 515.4	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4			
2022/23-6	Lab	LCS	5/27/2023	Pesticide	Dinoseb	n/a	=	4.27	µg/L	EPA 515.4	0.033	0.4			
2022/23-6	Lab	LCS, rec	5/27/2023	Pesticide	Dinoseb	n/a	=	107	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	Dinoseb	n/a	=	3.86	µg/L	EPA 515.4	0.033	0.4			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	Dinoseb	n/a	=	96	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Diphenamid	n/a	=	5.99	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Diphenamid	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Diphenamid	n/a	=	5.75	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Diphenamid	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Diphenamid	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS	6/6/2023	Pesticide	Diphenamid	n/a	=	6.09	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS, rec	6/6/2023	Pesticide	Diphenamid	n/a	=	122	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/6/2023	Pesticide	Diphenamid	n/a	=	6.35	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS dup, rec	6/6/2023	Pesticide	Diphenamid	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/6/2023	Pesticide	Diphenamid	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/12/2023	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS	6/12/2023	Pesticide	Diphenamid	n/a	=	5.73	µg/L	EPA 525.2	0.03	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, rec	6/12/2023	Pesticide	Diphenamid	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/12/2023	Pesticide	Diphenamid	n/a	=	5.84	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS dup, rec	6/12/2023	Pesticide	Diphenamid	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/12/2023	Pesticide	Diphenamid	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS	6/20/2023	Pesticide	Diphenamid	n/a	=	5.78	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Pesticide	Diphenamid	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/20/2023	Pesticide	Diphenamid	n/a	=	5.95	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Pesticide	Diphenamid	n/a	=	119	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/20/2023	Pesticide	Diphenamid	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Disulfoton	n/a	=	0.0288	µg/L	EPA 625.1m	0.0035	0.01			EUM
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Disulfoton	n/a	=	58	%	EPA 625.1m	-88	-88	65	121	EUM
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Disulfoton	n/a	=	0.0246	µg/L	EPA 625.1m	0.0035	0.01			EUM
2022/23-6	Lab	LCS dup, rec	5/27/2023	Pesticide	Disulfoton	n/a	=	49	%	EPA 625.1m	-88	-88	65	121	EUM
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Disulfoton	n/a	=	16	%	EPA 625.1m	-88	-88	0	30	EUM
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Disulfoton	n/a	=	0.035	µg/L	EPA 625.1m	0.0035	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Disulfoton	n/a	=	70	%	EPA 625.1m	-88	-88	65	121	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Disulfoton	n/a	=	0.0347	µg/L	EPA 625.1m	0.0035	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Disulfoton	n/a	=	69	%	EPA 625.1m	-88	-88	65	121	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Disulfoton	n/a	=	0.8	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01			
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Disulfoton	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Disulfoton	n/a	=	4.68	µg/L	EPA 525.2	0.11	0.2			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Disulfoton	n/a	=	94	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Disulfoton	n/a	=	4.66	µg/L	EPA 525.2	0.11	0.2			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Disulfoton	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Disulfoton	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Pesticide	Disulfoton	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2			
2022/23-6	Lab	LCS	6/6/2023	Pesticide	Disulfoton	n/a	=	5.14	µg/L	EPA 525.2	0.11	0.2			
2022/23-6	Lab	LCS, rec	6/6/2023	Pesticide	Disulfoton	n/a	=	103	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS dup	6/6/2023	Pesticide	Disulfoton	n/a	=	5.45	µg/L	EPA 525.2	0.11	0.2			
2022/23-6	Lab	LCS dup, rec	6/6/2023	Pesticide	Disulfoton	n/a	=	109	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS, RPD	6/6/2023	Pesticide	Disulfoton	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/12/2023	Pesticide	Disulfoton	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2			
2022/23-6	Lab	LCS	6/12/2023	Pesticide	Disulfoton	n/a	=	4.63	µg/L	EPA 525.2	0.11	0.2			
2022/23-6	Lab	LCS, rec	6/12/2023	Pesticide	Disulfoton	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS dup	6/12/2023	Pesticide	Disulfoton	n/a	=	4.69	µg/L	EPA 525.2	0.11	0.2			
2022/23-6	Lab	LCS dup, rec	6/12/2023	Pesticide	Disulfoton	n/a	=	94	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS, RPD	6/12/2023	Pesticide	Disulfoton	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Pesticide	Disulfoton	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2			
2022/23-6	Lab	LCS	6/20/2023	Pesticide	Disulfoton	n/a	=	4.86	µg/L	EPA 525.2	0.11	0.2			
2022/23-6	Lab	LCS, rec	6/20/2023	Pesticide	Disulfoton	n/a	=	97	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS dup	6/20/2023	Pesticide	Disulfoton	n/a	=	4.85	µg/L	EPA 525.2	0.11	0.2			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Pesticide	Disulfoton	n/a	=	97	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS, RPD	6/20/2023	Pesticide	Disulfoton	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Endosulfan I	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	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	
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Endosulfan I	n/a	=	0.067	µg/L	EPA 608.3	0.0019	0.02			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Endosulfan I	n/a	=	67	%	EPA 608.3	-88	-88	57	141	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Endosulfan I	n/a	=	0.0685	µg/L	EPA 608.3	0.0019	0.02			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Endosulfan I	n/a	=	69	%	EPA 608.3	-88	-88	57	141	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Endosulfan I	n/a	=	2	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Endosulfan I	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.02			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Endosulfan I	n/a	=	0.0689	µg/L	EPA 608.3	0.0019	0.02			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Endosulfan I	n/a	=	69	%	EPA 608.3	-88	-88	57	141	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Endosulfan I	n/a	=	0.071	µg/L	EPA 608.3	0.0019	0.02			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Endosulfan I	n/a	=	71	%	EPA 608.3	-88	-88	57	141	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Endosulfan I	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	Endosulfan I	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.02			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	Endosulfan I	n/a	=	0.0714	µg/L	EPA 608.3	0.0019	0.02			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	Endosulfan I	n/a	=	71	%	EPA 608.3	-88	-88	57	141	
2022/23-6	Lab	LCS dup	6/7/2023	Pesticide	Endosulfan I	n/a	=	0.0744	µg/L	EPA 608.3	0.0019	0.02			
2022/23-6	Lab	LCS dup, rec	6/7/2023	Pesticide	Endosulfan I	n/a	=	74	%	EPA 608.3	-88	-88	57	141	
2022/23-6	Lab	LCS, RPD	6/7/2023	Pesticide	Endosulfan I	n/a	=	4	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Endosulfan II	n/a	=	0.0652	µg/L	EPA 608.3	0.0019	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Endosulfan II	n/a	=	65	%	EPA 608.3	-88	-88	22	171	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Endosulfan II	n/a	=	0.079	µg/L	EPA 608.3	0.0019	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Endosulfan II	n/a	=	79	%	EPA 608.3	-88	-88	22	171	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Endosulfan II	n/a	=	19	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Endosulfan II	n/a	=	0.0746	µg/L	EPA 608.3	0.0019	0.01			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Endosulfan II	n/a	=	75	%	EPA 608.3	-88	-88	22	171	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Endosulfan II	n/a	=	0.0782	µg/L	EPA 608.3	0.0019	0.01			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Endosulfan II	n/a	=	78	%	EPA 608.3	-88	-88	22	171	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Endosulfan II	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	Endosulfan II	n/a	=	0.0752	µg/L	EPA 608.3	0.0019	0.01			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	Endosulfan II	n/a	=	75	%	EPA 608.3	-88	-88	22	171	
2022/23-6	Lab	LCS dup	6/7/2023	Pesticide	Endosulfan II	n/a	=	0.082	µg/L	EPA 608.3	0.0019	0.01			
2022/23-6	Lab	LCS dup, rec	6/7/2023	Pesticide	Endosulfan II	n/a	=	82	%	EPA 608.3	-88	-88	22	171	
2022/23-6	Lab	LCS, RPD	6/7/2023	Pesticide	Endosulfan II	n/a	=	9	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Endosulfan sulfate	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.05			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Endosulfan sulfate	n/a	=	0.0963	µg/L	EPA 608.3	0.0029	0.05			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Endosulfan sulfate	n/a	=	96	%	EPA 608.3	-88	-88	38	132	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Endosulfan sulfate	n/a	=	0.0948	µg/L	EPA 608.3	0.0029	0.05			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Endosulfan sulfate	n/a	=	95	%	EPA 608.3	-88	-88	38	132	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Endosulfan sulfate	n/a	=	2	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Endosulfan sulfate	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.05			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Endosulfan sulfate	n/a	=	0.0862	µg/L	EPA 608.3	0.0029	0.05			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Endosulfan sulfate	n/a	=	86	%	EPA 608.3	-88	-88	38	132	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Endosulfan sulfate	n/a	=	0.0892	µg/L	EPA 608.3	0.0029	0.05			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Endosulfan sulfate	n/a	=	89	%	EPA 608.3	-88	-88	38	132	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Endosulfan sulfate	n/a	=	3	%	EPA 608.3	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	Endosulfan sulfate	n/a	<	0.0029	µg/L	EPA 608.3	0.0029	0.05			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	Endosulfan sulfate	n/a	=	0.0937	µg/L	EPA 608.3	0.0029	0.05			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	Endosulfan sulfate	n/a	=	94	%	EPA 608.3	-88	-88	38	132	
2022/23-6	Lab	LCS dup	6/7/2023	Pesticide	Endosulfan sulfate	n/a	=	0.102	µg/L	EPA 608.3	0.0029	0.05			
2022/23-6	Lab	LCS dup, rec	6/7/2023	Pesticide	Endosulfan sulfate	n/a	=	102	%	EPA 608.3	-88	-88	38	132	
2022/23-6	Lab	LCS, RPD	6/7/2023	Pesticide	Endosulfan sulfate	n/a	=	8	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Endrin	n/a	=	0.0897	µg/L	EPA 608.3	0.0017	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Endrin	n/a	=	90	%	EPA 608.3	-88	-88	51	130	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Endrin	n/a	=	0.0916	µg/L	EPA 608.3	0.0017	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Endrin	n/a	=	92	%	EPA 608.3	-88	-88	51	130	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Endrin	n/a	=	2	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Endrin	n/a	=	0.0851	µg/L	EPA 608.3	0.0017	0.01			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Endrin	n/a	=	85	%	EPA 608.3	-88	-88	51	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Endrin	n/a	=	0.0898	µg/L	EPA 608.3	0.0017	0.01			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Endrin	n/a	=	90	%	EPA 608.3	-88	-88	51	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Endrin	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	Endrin	n/a	<	0.0017	µg/L	EPA 608.3	0.0017	0.01			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	Endrin	n/a	=	0.0915	µg/L	EPA 608.3	0.0017	0.01			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	Endrin	n/a	=	92	%	EPA 608.3	-88	-88	51	130	
2022/23-6	Lab	LCS dup	6/7/2023	Pesticide	Endrin	n/a	=	0.099	µg/L	EPA 608.3	0.0017	0.01			
2022/23-6	Lab	LCS dup, rec	6/7/2023	Pesticide	Endrin	n/a	=	99	%	EPA 608.3	-88	-88	51	130	
2022/23-6	Lab	LCS, RPD	6/7/2023	Pesticide	Endrin	n/a	=	8	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Endrin aldehyde	n/a	=	0.0676	µg/L	EPA 608.3	0.0019	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Endrin aldehyde	n/a	=	68	%	EPA 608.3	-88	-88	18	130	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Endrin aldehyde	n/a	=	0.0645	µg/L	EPA 608.3	0.0019	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Endrin aldehyde	n/a	=	65	%	EPA 608.3	-88	-88	18	130	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Endrin aldehyde	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Endrin aldehyde	n/a	=	0.0665	µg/L	EPA 608.3	0.0019	0.01			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Endrin aldehyde	n/a	=	66	%	EPA 608.3	-88	-88	18	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Endrin aldehyde	n/a	=	0.0683	µg/L	EPA 608.3	0.0019	0.01			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Endrin aldehyde	n/a	=	68	%	EPA 608.3	-88	-88	18	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Endrin aldehyde	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	Endrin aldehyde	n/a	<	0.0019	µg/L	EPA 608.3	0.0019	0.01			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	Endrin aldehyde	n/a	=	0.0658	µg/L	EPA 608.3	0.0019	0.01			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	Endrin aldehyde	n/a	=	66	%	EPA 608.3	-88	-88	18	130	
2022/23-6	Lab	LCS dup	6/7/2023	Pesticide	Endrin aldehyde	n/a	=	0.0703	µg/L	EPA 608.3	0.0019	0.01			
2022/23-6	Lab	LCS dup, rec	6/7/2023	Pesticide	Endrin aldehyde	n/a	=	70	%	EPA 608.3	-88	-88	18	130	
2022/23-6	Lab	LCS, RPD	6/7/2023	Pesticide	Endrin aldehyde	n/a	=	7	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	EPTC	n/a	=	5.42	µg/L	EPA 525.2	0.02	0.1			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	EPTC	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	EPTC	n/a	=	5.6	µg/L	EPA 525.2	0.02	0.1			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	EPTC	n/a	=	112	%	EPA 525.2	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	EPTC	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-6	Lab	LCS	6/6/2023	Pesticide	EPTC	n/a	=	5.52	µg/L	EPA 525.2	0.02	0.1			
2022/23-6	Lab	LCS, rec	6/6/2023	Pesticide	EPTC	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/6/2023	Pesticide	EPTC	n/a	=	5.65	µg/L	EPA 525.2	0.02	0.1			
2022/23-6	Lab	LCS dup, rec	6/6/2023	Pesticide	EPTC	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/6/2023	Pesticide	EPTC	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/12/2023	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-6	Lab	LCS	6/12/2023	Pesticide	EPTC	n/a	=	4.99	µg/L	EPA 525.2	0.02	0.1			
2022/23-6	Lab	LCS, rec	6/12/2023	Pesticide	EPTC	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/12/2023	Pesticide	EPTC	n/a	=	5.36	µg/L	EPA 525.2	0.02	0.1			
2022/23-6	Lab	LCS dup, rec	6/12/2023	Pesticide	EPTC	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/12/2023	Pesticide	EPTC	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-6	Lab	LCS	6/20/2023	Pesticide	EPTC	n/a	=	4.96	µg/L	EPA 525.2	0.02	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Pesticide	EPTC	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/20/2023	Pesticide	EPTC	n/a	=	5.19	µg/L	EPA 525.2	0.02	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Pesticide	EPTC	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/20/2023	Pesticide	EPTC	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Ethoprop	n/a	=	0.0401	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Ethoprop	n/a	=	80	%	EPA 625.1m	-88	-88	76	165	
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Ethoprop	n/a	=	0.0302	µg/L	EPA 625.1m	0.0032	0.01			EUM
2022/23-6	Lab	LCS dup, rec	5/27/2023	Pesticide	Ethoprop	n/a	=	60	%	EPA 625.1m	-88	-88	76	165	EUM
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Ethoprop	n/a	=	28	%	EPA 625.1m	-88	-88	0	30	EUM
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Ethoprop	n/a	=	0.0388	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Ethoprop	n/a	=	78	%	EPA 625.1m	-88	-88	76	165	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Ethoprop	n/a	=	0.0392	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Ethoprop	n/a	=	78	%	EPA 625.1m	-88	-88	76	165	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Ethoprop	n/a	=	1	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Ethyl parathion	n/a	=	0.0451	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Ethyl parathion	n/a	=	90	%	EPA 625.1m	-88	-88	61	139	
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Ethyl parathion	n/a	=	0.0458	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-6	Lab	LCS dup, rec	5/27/2023	Pesticide	Ethyl parathion	n/a	=	92	%	EPA 625.1m	-88	-88	61	139	
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Ethyl parathion	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Ethyl parathion	n/a	=	0.0468	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Ethyl parathion	n/a	=	94	%	EPA 625.1m	-88	-88	61	139	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Ethyl parathion	n/a	=	0.0496	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Ethyl parathion	n/a	=	99	%	EPA 625.1m	-88	-88	61	139	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Ethyl parathion	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Fensulfothion	n/a	=	0.0265	µg/L	EPA 625.1m	0.0086	0.01			
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Fensulfothion	n/a	=	53	%	EPA 625.1m	-88	-88	10	200	
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Fensulfothion	n/a	=	0.0375	µg/L	EPA 625.1m	0.0086	0.01			IL
2022/23-6	Lab	LCS dup, rec	5/27/2023	Pesticide	Fensulfothion	n/a	=	75	%	EPA 625.1m	-88	-88	10	200	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	
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Fensulfothion	n/a	=	35	%	EPA 625.1m	-88	-88	0	30	IL
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Fensulfothion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Fensulfothion	n/a	=	0.0424	µg/L	EPA 625.1m	0.0086	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Fensulfothion	n/a	=	85	%	EPA 625.1m	-88	-88	10	200	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Fensulfothion	n/a	=	0.0413	µg/L	EPA 625.1m	0.0086	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Fensulfothion	n/a	=	83	%	EPA 625.1m	-88	-88	10	200	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Fensulfothion	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Fensulfothion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01			
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Fenthion	n/a	=	0.0345	µg/L	EPA 625.1m	0.0021	0.01			EUM
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Fenthion	n/a	=	69	%	EPA 625.1m	-88	-88	77	165	EUM
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Fenthion	n/a	=	0.0309	µg/L	EPA 625.1m	0.0021	0.01			EUM
2022/23-6	Lab	LCS dup, rec	5/27/2023	Pesticide	Fenthion	n/a	=	62	%	EPA 625.1m	-88	-88	77	165	EUM
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Fenthion	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	EUM
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Fenthion	n/a	=	0.0362	µg/L	EPA 625.1m	0.0021	0.01			EUM
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Fenthion	n/a	=	72	%	EPA 625.1m	-88	-88	77	165	EUM
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Fenthion	n/a	=	0.0384	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Fenthion	n/a	=	77	%	EPA 625.1m	-88	-88	77	165	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Fenthion	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-6	Lab	method blank	6/2/2023	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.02			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0712	µg/L	EPA 608.3	0.0015	0.02			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	71	%	EPA 608.3	-88	-88	43	130	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0759	µg/L	EPA 608.3	0.0015	0.02			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	76	%	EPA 608.3	-88	-88	43	130	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.02			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0707	µg/L	EPA 608.3	0.0015	0.02			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	71	%	EPA 608.3	-88	-88	43	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0756	µg/L	EPA 608.3	0.0015	0.02			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	76	%	EPA 608.3	-88	-88	43	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	7	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0015	µg/L	EPA 608.3	0.0015	0.02			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0777	µg/L	EPA 608.3	0.0015	0.02			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	78	%	EPA 608.3	-88	-88	43	130	
2022/23-6	Lab	LCS dup	6/7/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0833	µg/L	EPA 608.3	0.0015	0.02			
2022/23-6	Lab	LCS dup, rec	6/7/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	83	%	EPA 608.3	-88	-88	43	130	
2022/23-6	Lab	LCS, RPD	6/7/2023	Pesticide	gamma-BHC (Lindane)	n/a	=	7	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	gamma-Chlordane	n/a	=	0.0735	µg/L	EPA 608.3	0.0023	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	gamma-Chlordane	n/a	=	74	%	EPA 608.3	-88	-88	49	106	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	gamma-Chlordane	n/a	=	0.0754	µg/L	EPA 608.3	0.0023	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	gamma-Chlordane	n/a	=	75	%	EPA 608.3	-88	-88	49	106	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	gamma-Chlordane	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	gamma-Chlordane	n/a	=	0.0737	µg/L	EPA 608.3	0.0023	0.01			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	gamma-Chlordane	n/a	=	74	%	EPA 608.3	-88	-88	49	106	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	gamma-Chlordane	n/a	=	0.0775	µg/L	EPA 608.3	0.0023	0.01			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	gamma-Chlordane	n/a	=	77	%	EPA 608.3	-88	-88	49	106	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	gamma-Chlordane	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	gamma-Chlordane	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	gamma-Chlordane	n/a	=	0.0774	µg/L	EPA 608.3	0.0023	0.01			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	gamma-Chlordane	n/a	=	77	%	EPA 608.3	-88	-88	49	106	
2022/23-6	Lab	LCS dup	6/7/2023	Pesticide	gamma-Chlordane	n/a	=	0.0831	µg/L	EPA 608.3	0.0023	0.01			
2022/23-6	Lab	LCS dup, rec	6/7/2023	Pesticide	gamma-Chlordane	n/a	=	83	%	EPA 608.3	-88	-88	49	106	
2022/23-6	Lab	LCS, RPD	6/7/2023	Pesticide	gamma-Chlordane	n/a	=	7	%	EPA 608.3	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Pesticide	Glyphosate	n/a	=	22.2	µg/L	EPA 547	1.8	5			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Pesticide	Glyphosate	n/a	=	89	%	EPA 547	-88	-88	41	149	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Pesticide	Glyphosate	n/a	=	19.7	µg/L	EPA 547	1.8	5			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Pesticide	Glyphosate	n/a	=	79	%	EPA 547	-88	-88	41	149	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Pesticide	Glyphosate	n/a	=	12	%	EPA 547	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	5/31/2023	Pesticide	Glyphosate	n/a	=	29.3	µg/L	EPA 547	1.8	5			
2022/23-6	000NONPJ	matrix spike, rec	5/31/2023	Pesticide	Glyphosate	n/a	=	117	%	EPA 547	-88	-88	41	149	
2022/23-6	000NONPJ	matrix spike dup	5/31/2023	Pesticide	Glyphosate	n/a	=	31.4	µg/L	EPA 547	1.8	5			
2022/23-6	000NONPJ	matrix spike dup, rec	5/31/2023	Pesticide	Glyphosate	n/a	=	126	%	EPA 547	-88	-88	41	149	
2022/23-6	000NONPJ	matrix spike, RPD	5/31/2023	Pesticide	Glyphosate	n/a	=	7	%	EPA 547	-88	-88	0	30	
2022/23-6	Lab	method blank	5/30/2023	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2022/23-6	Lab	LCS	5/30/2023	Pesticide	Glyphosate	n/a	=	28.8	µg/L	EPA 547	1.8	5			
2022/23-6	Lab	LCS, rec	5/30/2023	Pesticide	Glyphosate	n/a	=	115	%	EPA 547	-88	-88	70	130	
2022/23-6	Lab	method blank	5/31/2023	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2022/23-6	Lab	LCS	5/31/2023	Pesticide	Glyphosate	n/a	=	26.3	µg/L	EPA 547	1.8	5			
2022/23-6	Lab	LCS, rec	5/31/2023	Pesticide	Glyphosate	n/a	=	105	%	EPA 547	-88	-88	70	130	
2022/23-6	ME-CC	matrix spike	5/31/2023	Pesticide	Glyphosate	n/a	=	23.4	µg/L	EPA 547	1.8	5			
2022/23-6	ME-CC	matrix spike, rec	5/31/2023	Pesticide	Glyphosate	n/a	=	94	%	EPA 547	-88	-88	41	149	
2022/23-6	ME-CC	matrix spike dup	5/31/2023	Pesticide	Glyphosate	n/a	=	22.6	µg/L	EPA 547	1.8	5			
2022/23-6	ME-CC	matrix spike dup, rec	5/31/2023	Pesticide	Glyphosate	n/a	=	90	%	EPA 547	-88	-88	41	149	
2022/23-6	ME-CC	matrix spike, RPD	5/31/2023	Pesticide	Glyphosate	n/a	=	4	%	EPA 547	-88	-88	0	30	
2022/23-6	ME-SCR	matrix spike	5/31/2023	Pesticide	Glyphosate	n/a	=	16.6	µg/L	EPA 547	1.8	5			
2022/23-6	ME-SCR	matrix spike, rec	5/31/2023	Pesticide	Glyphosate	n/a	=	66	%	EPA 547	-88	-88	41	149	
2022/23-6	ME-SCR	matrix spike dup	5/31/2023	Pesticide	Glyphosate	n/a	=	20.3	µg/L	EPA 547	1.8	5			
2022/23-6	ME-SCR	matrix spike dup, rec	5/31/2023	Pesticide	Glyphosate	n/a	=	81	%	EPA 547	-88	-88	41	149	
2022/23-6	ME-SCR	matrix spike, RPD	5/31/2023	Pesticide	Glyphosate	n/a	=	20	%	EPA 547	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Heptachlor	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Heptachlor	n/a	=	0.0735	µg/L	EPA 608.3	0.0023	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Heptachlor	n/a	=	73	%	EPA 608.3	-88	-88	43	130	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Heptachlor	n/a	=	0.0776	µg/L	EPA 608.3	0.0023	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Heptachlor	n/a	=	78	%	EPA 608.3	-88	-88	43	130	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Heptachlor	n/a	=	6	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Heptachlor	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Heptachlor	n/a	=	0.0781	µg/L	EPA 608.3	0.0023	0.01			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Heptachlor	n/a	=	78	%	EPA 608.3	-88	-88	43	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Heptachlor	n/a	=	0.0799	µg/L	EPA 608.3	0.0023	0.01			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Heptachlor	n/a	=	80	%	EPA 608.3	-88	-88	43	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Heptachlor	n/a	=	2	%	EPA 608.3	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	Heptachlor	n/a	<	0.0023	µg/L	EPA 608.3	0.0023	0.01			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	Heptachlor	n/a	=	0.0918	µg/L	EPA 608.3	0.0023	0.01			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	Heptachlor	n/a	=	92	%	EPA 608.3	-88	-88	43	130	
2022/23-6	Lab	LCS dup	6/7/2023	Pesticide	Heptachlor	n/a	=	0.0925	µg/L	EPA 608.3	0.0023	0.01			
2022/23-6	Lab	LCS dup, rec	6/7/2023	Pesticide	Heptachlor	n/a	=	92	%	EPA 608.3	-88	-88	43	130	
2022/23-6	Lab	LCS, RPD	6/7/2023	Pesticide	Heptachlor	n/a	=	0.7	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Heptachlor epoxide	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Heptachlor epoxide	n/a	=	0.0803	µg/L	EPA 608.3	0.0018	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Heptachlor epoxide	n/a	=	80	%	EPA 608.3	-88	-88	57	132	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Heptachlor epoxide	n/a	=	0.0828	µg/L	EPA 608.3	0.0018	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Heptachlor epoxide	n/a	=	83	%	EPA 608.3	-88	-88	57	132	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Heptachlor epoxide	n/a	=	3	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Heptachlor epoxide	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.01			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Heptachlor epoxide	n/a	=	0.0775	µg/L	EPA 608.3	0.0018	0.01			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Heptachlor epoxide	n/a	=	77	%	EPA 608.3	-88	-88	57	132	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Heptachlor epoxide	n/a	=	0.0815	µg/L	EPA 608.3	0.0018	0.01			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Heptachlor epoxide	n/a	=	81	%	EPA 608.3	-88	-88	57	132	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Heptachlor epoxide	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	Heptachlor epoxide	n/a	<	0.0018	µg/L	EPA 608.3	0.0018	0.01			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	Heptachlor epoxide	n/a	=	0.0822	µg/L	EPA 608.3	0.0018	0.01			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	Heptachlor epoxide	n/a	=	82	%	EPA 608.3	-88	-88	57	132	
2022/23-6	Lab	LCS dup	6/7/2023	Pesticide	Heptachlor epoxide	n/a	=	0.0863	µg/L	EPA 608.3	0.0018	0.01			
2022/23-6	Lab	LCS dup, rec	6/7/2023	Pesticide	Heptachlor epoxide	n/a	=	86	%	EPA 608.3	-88	-88	57	132	
2022/23-6	Lab	LCS, RPD	6/7/2023	Pesticide	Heptachlor epoxide	n/a	=	5	%	EPA 608.3	-88	-88	0	30	
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Malathion	n/a	=	0.045	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Malathion	n/a	=	90	%	EPA 625.1m	-88	-88	59	200	
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Malathion	n/a	=	0.0412	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-6	Lab	LCS dup, rec	5/27/2023	Pesticide	Malathion	n/a	=	82	%	EPA 625.1m	-88	-88	59	200	
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Malathion	n/a	=	9	%	EPA 625.1m	-88	-88	0	25	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Malathion	n/a	=	0.046	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Malathion	n/a	=	92	%	EPA 625.1m	-88	-88	59	200	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Malathion	n/a	=	0.0469	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Malathion	n/a	=	94	%	EPA 625.1m	-88	-88	59	200	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Malathion	n/a	=	2	%	EPA 625.1m	-88	-88	0	25	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01			
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Merphos	n/a	=	0.0404	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Merphos	n/a	=	81	%	EPA 625.1m	-88	-88	32	200	
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Merphos	n/a	=	0.0333	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-6	Lab	LCS dup, rec	5/27/2023	Pesticide	Merphos	n/a	=	67	%	EPA 625.1m	-88	-88	32	200	
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Merphos	n/a	=	19	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Merphos	n/a	=	0.0443	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Merphos	n/a	=	89	%	EPA 625.1m	-88	-88	32	200	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Merphos	n/a	=	0.0411	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Merphos	n/a	=	82	%	EPA 625.1m	-88	-88	32	200	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Merphos	n/a	=	8	%	EPA 625.1m	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01			
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Methyl parathion	n/a	=	0.0399	µg/L	EPA 625.1m	0.0031	0.01			
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Methyl parathion	n/a	=	80	%	EPA 625.1m	-88	-88	64	154	
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Methyl parathion	n/a	=	0.0444	µg/L	EPA 625.1m	0.0031	0.01			
2022/23-6	Lab	LCS dup, rec	5/27/2023	Pesticide	Methyl parathion	n/a	=	89	%	EPA 625.1m	-88	-88	64	154	
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Methyl parathion	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Methyl parathion	n/a	=	0.0434	µg/L	EPA 625.1m	0.0031	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Methyl parathion	n/a	=	87	%	EPA 625.1m	-88	-88	64	154	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Methyl parathion	n/a	=	0.0468	µg/L	EPA 625.1m	0.0031	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Methyl parathion	n/a	=	94	%	EPA 625.1m	-88	-88	64	154	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Methyl parathion	n/a	=	7	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01			
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Metolachlor	n/a	=	4.57	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Metolachlor	n/a	=	91	%	EPA 525.2	-88	-88	60	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Metolachlor	n/a	=	4.85	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Metolachlor	n/a	=	97	%	EPA 525.2	-88	-88	60	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Metolachlor	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS	6/6/2023	Pesticide	Metolachlor	n/a	=	5.23	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS, rec	6/6/2023	Pesticide	Metolachlor	n/a	=	105	%	EPA 525.2	-88	-88	60	130	
2022/23-6	Lab	LCS dup	6/6/2023	Pesticide	Metolachlor	n/a	=	5.13	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS dup, rec	6/6/2023	Pesticide	Metolachlor	n/a	=	103	%	EPA 525.2	-88	-88	60	130	
2022/23-6	Lab	LCS, RPD	6/6/2023	Pesticide	Metolachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/12/2023	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS	6/12/2023	Pesticide	Metolachlor	n/a	=	5.85	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS, rec	6/12/2023	Pesticide	Metolachlor	n/a	=	117	%	EPA 525.2	-88	-88	60	130	
2022/23-6	Lab	LCS dup	6/12/2023	Pesticide	Metolachlor	n/a	=	5.89	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS dup, rec	6/12/2023	Pesticide	Metolachlor	n/a	=	118	%	EPA 525.2	-88	-88	60	130	
2022/23-6	Lab	LCS, RPD	6/12/2023	Pesticide	Metolachlor	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS	6/20/2023	Pesticide	Metolachlor	n/a	=	6.63	µg/L	EPA 525.2	0.03	0.1			EUM
2022/23-6	Lab	LCS, rec	6/20/2023	Pesticide	Metolachlor	n/a	=	133	%	EPA 525.2	-88	-88	60	130	EUM
2022/23-6	Lab	LCS dup	6/20/2023	Pesticide	Metolachlor	n/a	=	6.88	µg/L	EPA 525.2	0.03	0.1			EUM
2022/23-6	Lab	LCS dup, rec	6/20/2023	Pesticide	Metolachlor	n/a	=	138	%	EPA 525.2	-88	-88	60	130	EUM
2022/23-6	Lab	LCS, RPD	6/20/2023	Pesticide	Metolachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	EUM
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Metribuzin	n/a	=	4.64	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Metribuzin	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Metribuzin	n/a	=	4.63	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Metribuzin	n/a	=	93	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Metribuzin	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS	6/6/2023	Pesticide	Metribuzin	n/a	=	5.14	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS, rec	6/6/2023	Pesticide	Metribuzin	n/a	=	103	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS dup	6/6/2023	Pesticide	Metribuzin	n/a	=	5.2	µg/L	EPA 525.2	0.03	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS dup. rec	6/6/2023	Pesticide	Metribuzin	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS, RPD	6/6/2023	Pesticide	Metribuzin	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/12/2023	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS	6/12/2023	Pesticide	Metribuzin	n/a	=	5.44	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS, rec	6/12/2023	Pesticide	Metribuzin	n/a	=	109	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS dup	6/12/2023	Pesticide	Metribuzin	n/a	=	5.47	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS dup. rec	6/12/2023	Pesticide	Metribuzin	n/a	=	109	%	EPA 525.2	-88	-88	50	120	
2022/23-6	Lab	LCS, RPD	6/12/2023	Pesticide	Metribuzin	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS	6/20/2023	Pesticide	Metribuzin	n/a	=	6.08	µg/L	EPA 525.2	0.03	0.1			EUM
2022/23-6	Lab	LCS, rec	6/20/2023	Pesticide	Metribuzin	n/a	=	122	%	EPA 525.2	-88	-88	50	120	EUM
2022/23-6	Lab	LCS dup	6/20/2023	Pesticide	Metribuzin	n/a	=	6.1	µg/L	EPA 525.2	0.03	0.1			EUM
2022/23-6	Lab	LCS dup. rec	6/20/2023	Pesticide	Metribuzin	n/a	=	122	%	EPA 525.2	-88	-88	50	120	EUM
2022/23-6	Lab	LCS, RPD	6/20/2023	Pesticide	Metribuzin	n/a	=	0.3	%	EPA 525.2	-88	-88	0	30	EUM
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Mevinphos	n/a	=	0.0341	µg/L	EPA 625.1m	0.0042	0.01			
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Mevinphos	n/a	=	68	%	EPA 625.1m	-88	-88	26	177	
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Mevinphos	n/a	=	0.031	µg/L	EPA 625.1m	0.0042	0.01			
2022/23-6	Lab	LCS dup. rec	5/27/2023	Pesticide	Mevinphos	n/a	=	62	%	EPA 625.1m	-88	-88	26	177	
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Mevinphos	n/a	=	10	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Mevinphos	n/a	=	0.0376	µg/L	EPA 625.1m	0.0042	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Mevinphos	n/a	=	75	%	EPA 625.1m	-88	-88	26	177	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Mevinphos	n/a	=	0.044	µg/L	EPA 625.1m	0.0042	0.01			
2022/23-6	Lab	LCS dup. rec	6/2/2023	Pesticide	Mevinphos	n/a	=	88	%	EPA 625.1m	-88	-88	26	177	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Mevinphos	n/a	=	16	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01			
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Mirex	n/a	<	0.0032	µg/L	EPA 608.3	0.0032	0.01			
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Molinate	n/a	=	5.65	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Molinate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Molinate	n/a	=	5.85	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS dup. rec	6/5/2023	Pesticide	Molinate	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Molinate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS	6/6/2023	Pesticide	Molinate	n/a	=	5.83	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS, rec	6/6/2023	Pesticide	Molinate	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/6/2023	Pesticide	Molinate	n/a	=	5.89	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS dup. rec	6/6/2023	Pesticide	Molinate	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/6/2023	Pesticide	Molinate	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/12/2023	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS	6/12/2023	Pesticide	Molinate	n/a	=	5.35	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS, rec	6/12/2023	Pesticide	Molinate	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/12/2023	Pesticide	Molinate	n/a	=	5.58	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS dup. rec	6/12/2023	Pesticide	Molinate	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/12/2023	Pesticide	Molinate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS	6/20/2023	Pesticide	Molinate	n/a	=	5.32	µg/L	EPA 525.2	0.03	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, rec	6/20/2023	Pesticide	Molinate	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/20/2023	Pesticide	Molinate	n/a	=	5.48	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Pesticide	Molinate	n/a	=	110	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/20/2023	Pesticide	Molinate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Naled	n/a	=	0.0144	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Naled	n/a	=	29	%	EPA 625.1m	-88	-88	10	200	
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Naled	n/a	=	0.0158	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-6	Lab	LCS dup, rec	5/27/2023	Pesticide	Naled	n/a	=	32	%	EPA 625.1m	-88	-88	10	200	
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Naled	n/a	=	9	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Naled	n/a	=	0.0457	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Naled	n/a	=	91	%	EPA 625.1m	-88	-88	10	200	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Naled	n/a	=	0.0535	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Naled	n/a	=	107	%	EPA 625.1m	-88	-88	10	200	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Naled	n/a	=	16	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01			
2022/23-6	000NONPJ	matrix spike	5/27/2023	Pesticide	Pentachlorophenol	n/a	=	3.79	µg/L	EPA 515.4	0.046	0.2			
2022/23-6	000NONPJ	matrix spike, rec	5/27/2023	Pesticide	Pentachlorophenol	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	5/27/2023	Pesticide	Pentachlorophenol	n/a	=	3.82	µg/L	EPA 515.4	0.046	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	5/27/2023	Pesticide	Pentachlorophenol	n/a	=	95	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/27/2023	Pesticide	Pentachlorophenol	n/a	=	0.6	%	EPA 515.4	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Pesticide	Pentachlorophenol	n/a	=	4.03	µg/L	EPA 515.4	0.046	0.2			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Pesticide	Pentachlorophenol	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Pesticide	Pentachlorophenol	n/a	=	3.74	µg/L	EPA 515.4	0.046	0.2			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Pesticide	Pentachlorophenol	n/a	=	93	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Pesticide	Pentachlorophenol	n/a	=	8	%	EPA 515.4	-88	-88	0	30	
2022/23-6	Lab	method blank	5/26/2023	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Pentachlorophenol	n/a	=	20.9	µg/L	EPA 8270C	0.15	1			
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Pentachlorophenol	n/a	=	104	%	EPA 8270C	-88	-88	29	106	
2022/23-6	Lab	LCS dup	5/26/2023	Pesticide	Pentachlorophenol	n/a	=	18.9	µg/L	EPA 8270C	0.15	1			
2022/23-6	Lab	LCS dup, rec	5/26/2023	Pesticide	Pentachlorophenol	n/a	=	94	%	EPA 8270C	-88	-88	29	106	
2022/23-6	Lab	LCS, RPD	5/26/2023	Pesticide	Pentachlorophenol	n/a	=	10	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2022/23-6	Lab	LCS	5/27/2023	Pesticide	Pentachlorophenol	n/a	=	3.93	µg/L	EPA 515.4	0.046	0.2			
2022/23-6	Lab	LCS, rec	5/27/2023	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	Pentachlorophenol	n/a	=	4.01	µg/L	EPA 515.4	0.046	0.2			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	Pentachlorophenol	n/a	=	100	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	LCS	6/11/2023	Pesticide	Pentachlorophenol	n/a	=	19.6	µg/L	EPA 625.1	0.4	1			
2022/23-6	Lab	LCS, rec	6/11/2023	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 625.1	-88	-88	41	120	
2022/23-6	Lab	LCS dup	6/11/2023	Pesticide	Pentachlorophenol	n/a	=	18	µg/L	EPA 625.1	0.4	1			
2022/23-6	Lab	LCS dup, rec	6/11/2023	Pesticide	Pentachlorophenol	n/a	=	90	%	EPA 625.1	-88	-88	41	120	
2022/23-6	Lab	LCS, RPD	6/11/2023	Pesticide	Pentachlorophenol	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/11/2023	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2022/23-6	Lab	LCS	6/16/2023	Pesticide	Pentachlorophenol	n/a	=	12.9	µg/L	EPA 625.1	0.4	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Pesticide	Pentachlorophenol	n/a	=	64	%	EPA 625.1	-88	-88	41	120	
2022/23-6	Lab	LCS dup	6/16/2023	Pesticide	Pentachlorophenol	n/a	=	15.8	µg/L	EPA 625.1	0.4	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS dup, rec	6/16/2023	Pesticide	Pentachlorophenol	n/a	=	79	%	EPA 625.1	-88	-88	41	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Pesticide	Pentachlorophenol	n/a	=	21	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2022/23-6	Lab	LCS	6/16/2023	Pesticide	Pentachlorophenol	n/a	=	13.6	µg/L	EPA 625.1	0.4	1			
2022/23-6	Lab	LCS, rec	6/16/2023	Pesticide	Pentachlorophenol	n/a	=	68	%	EPA 625.1	-88	-88	41	120	
2022/23-6	Lab	LCS dup	6/16/2023	Pesticide	Pentachlorophenol	n/a	=	15	µg/L	EPA 625.1	0.4	1			
2022/23-6	Lab	LCS dup, rec	6/16/2023	Pesticide	Pentachlorophenol	n/a	=	75	%	EPA 625.1	-88	-88	41	120	
2022/23-6	Lab	LCS, RPD	6/16/2023	Pesticide	Pentachlorophenol	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/16/2023	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2022/23-6	Lab	method blank	6/21/2023	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2022/23-6	Lab	LCS	6/21/2023	Pesticide	Pentachlorophenol	n/a	=	17	µg/L	EPA 8270C	0.15	1			
2022/23-6	Lab	LCS, rec	6/21/2023	Pesticide	Pentachlorophenol	n/a	=	85	%	EPA 8270C	-88	-88	29	106	
2022/23-6	Lab	LCS dup	6/21/2023	Pesticide	Pentachlorophenol	n/a	=	17.6	µg/L	EPA 8270C	0.15	1			
2022/23-6	Lab	LCS dup, rec	6/21/2023	Pesticide	Pentachlorophenol	n/a	=	88	%	EPA 8270C	-88	-88	29	106	
2022/23-6	Lab	LCS, RPD	6/21/2023	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/22/2023	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2022/23-6	Lab	LCS	6/22/2023	Pesticide	Pentachlorophenol	n/a	=	14.5	µg/L	EPA 8270C	0.15	1			
2022/23-6	Lab	LCS, rec	6/22/2023	Pesticide	Pentachlorophenol	n/a	=	73	%	EPA 8270C	-88	-88	29	106	
2022/23-6	Lab	LCS dup	6/22/2023	Pesticide	Pentachlorophenol	n/a	=	19.6	µg/L	EPA 8270C	0.15	1			
2022/23-6	Lab	LCS dup, rec	6/22/2023	Pesticide	Pentachlorophenol	n/a	=	98	%	EPA 8270C	-88	-88	29	106	
2022/23-6	Lab	LCS, RPD	6/22/2023	Pesticide	Pentachlorophenol	n/a	=	30	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	method blank	6/22/2023	Pesticide	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1			
2022/23-6	Lab	LCS	6/22/2023	Pesticide	Pentachlorophenol	n/a	=	23.1	µg/L	EPA 8270C	0.15	1			EUM
2022/23-6	Lab	LCS, rec	6/22/2023	Pesticide	Pentachlorophenol	n/a	=	116	%	EPA 8270C	-88	-88	29	106	EUM
2022/23-6	Lab	LCS dup	6/22/2023	Pesticide	Pentachlorophenol	n/a	=	18.9	µg/L	EPA 8270C	0.15	1			
2022/23-6	Lab	LCS dup, rec	6/22/2023	Pesticide	Pentachlorophenol	n/a	=	95	%	EPA 8270C	-88	-88	29	106	
2022/23-6	Lab	LCS, RPD	6/22/2023	Pesticide	Pentachlorophenol	n/a	=	20	%	EPA 8270C	-88	-88	0	30	
2022/23-6	Lab	LCS	6/23/2023	Pesticide	Pentachlorophenol	n/a	=	18.1	µg/L	EPA 625.1	0.4	1			
2022/23-6	Lab	LCS, rec	6/23/2023	Pesticide	Pentachlorophenol	n/a	=	90	%	EPA 625.1	-88	-88	41	120	
2022/23-6	Lab	LCS dup	6/23/2023	Pesticide	Pentachlorophenol	n/a	=	15.2	µg/L	EPA 625.1	0.4	1			
2022/23-6	Lab	LCS dup, rec	6/23/2023	Pesticide	Pentachlorophenol	n/a	=	76	%	EPA 625.1	-88	-88	41	120	
2022/23-6	Lab	LCS, RPD	6/23/2023	Pesticide	Pentachlorophenol	n/a	=	17	%	EPA 625.1	-88	-88	0	30	
2022/23-6	Lab	method blank	6/23/2023	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Phorate	n/a	=	0.0414	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Phorate	n/a	=	83	%	EPA 625.1m	-88	-88	61	135	
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Phorate	n/a	=	0.0347	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-6	Lab	LCS dup, rec	5/27/2023	Pesticide	Phorate	n/a	=	69	%	EPA 625.1m	-88	-88	61	135	
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Phorate	n/a	=	18	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Phorate	n/a	=	0.0414	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Phorate	n/a	=	83	%	EPA 625.1m	-88	-88	61	135	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Phorate	n/a	=	0.0415	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Phorate	n/a	=	83	%	EPA 625.1m	-88	-88	61	135	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Phorate	n/a	=	0.2	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01			
2022/23-6	000NONPJ	matrix spike	5/27/2023	Pesticide	Picloram	n/a	=	4.05	µg/L	EPA 515.4	0.05	0.6			
2022/23-6	000NONPJ	matrix spike, rec	5/27/2023	Pesticide	Picloram	n/a	=	101	%	EPA 515.4	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	000NONPJ	matrix spike dup	5/27/2023	Pesticide	Picloram	n/a	=	3.75	µg/L	EPA 515.4	0.05	0.6			
2022/23-6	000NONPJ	matrix spike dup, rec	5/27/2023	Pesticide	Picloram	n/a	=	94	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	5/27/2023	Pesticide	Picloram	n/a	=	8	%	EPA 515.4	-88	-88	0	30	
2022/23-6	000NONPJ	matrix spike	6/7/2023	Pesticide	Picloram	n/a	=	4.05	µg/L	EPA 515.4	0.05	0.6			
2022/23-6	000NONPJ	matrix spike, rec	6/7/2023	Pesticide	Picloram	n/a	=	101	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike dup	6/7/2023	Pesticide	Picloram	n/a	=	3.96	µg/L	EPA 515.4	0.05	0.6			
2022/23-6	000NONPJ	matrix spike dup, rec	6/7/2023	Pesticide	Picloram	n/a	=	99	%	EPA 515.4	-88	-88	70	130	
2022/23-6	000NONPJ	matrix spike, RPD	6/7/2023	Pesticide	Picloram	n/a	=	2	%	EPA 515.4	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6			
2022/23-6	Lab	LCS	5/27/2023	Pesticide	Picloram	n/a	=	3.9	µg/L	EPA 515.4	0.05	0.6			
2022/23-6	Lab	LCS, rec	5/27/2023	Pesticide	Picloram	n/a	=	97	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	method blank	6/7/2023	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6			
2022/23-6	Lab	LCS	6/7/2023	Pesticide	Picloram	n/a	=	3.91	µg/L	EPA 515.4	0.05	0.6			
2022/23-6	Lab	LCS, rec	6/7/2023	Pesticide	Picloram	n/a	=	98	%	EPA 515.4	-88	-88	70	130	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Prometryn	n/a	=	3.8	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Prometryn	n/a	=	76	%	EPA 525.2	-88	-88	30	120	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Prometryn	n/a	=	4.17	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Prometryn	n/a	=	83	%	EPA 525.2	-88	-88	30	120	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Prometryn	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS	6/6/2023	Pesticide	Prometryn	n/a	=	4.6	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS, rec	6/6/2023	Pesticide	Prometryn	n/a	=	92	%	EPA 525.2	-88	-88	30	120	
2022/23-6	Lab	LCS dup	6/6/2023	Pesticide	Prometryn	n/a	=	4.46	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS dup, rec	6/6/2023	Pesticide	Prometryn	n/a	=	89	%	EPA 525.2	-88	-88	30	120	
2022/23-6	Lab	LCS, RPD	6/6/2023	Pesticide	Prometryn	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/12/2023	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS	6/12/2023	Pesticide	Prometryn	n/a	=	4.4	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS, rec	6/12/2023	Pesticide	Prometryn	n/a	=	88	%	EPA 525.2	-88	-88	30	120	
2022/23-6	Lab	LCS dup	6/12/2023	Pesticide	Prometryn	n/a	=	5.02	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS dup, rec	6/12/2023	Pesticide	Prometryn	n/a	=	100	%	EPA 525.2	-88	-88	30	120	
2022/23-6	Lab	LCS, RPD	6/12/2023	Pesticide	Prometryn	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS	6/20/2023	Pesticide	Prometryn	n/a	=	5.25	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Pesticide	Prometryn	n/a	=	105	%	EPA 525.2	-88	-88	30	120	
2022/23-6	Lab	LCS dup	6/20/2023	Pesticide	Prometryn	n/a	=	5.8	µg/L	EPA 525.2	0.03	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Pesticide	Prometryn	n/a	=	116	%	EPA 525.2	-88	-88	30	120	
2022/23-6	Lab	LCS, RPD	6/20/2023	Pesticide	Prometryn	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Ronnel (Fenclorophos)	n/a	=	0.0402	µg/L	EPA 625.1m	0.0036	0.01			
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Ronnel (Fenclorophos)	n/a	=	80	%	EPA 625.1m	-88	-88	63	129	
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Ronnel (Fenclorophos)	n/a	=	0.0428	µg/L	EPA 625.1m	0.0036	0.01			
2022/23-6	Lab	LCS dup, rec	5/27/2023	Pesticide	Ronnel (Fenclorophos)	n/a	=	86	%	EPA 625.1m	-88	-88	63	129	
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Ronnel (Fenclorophos)	n/a	=	6	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Ronnel (Fenclorophos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Ronnel (Fenclorophos)	n/a	=	0.0459	µg/L	EPA 625.1m	0.0036	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Ronnel (Fenclorophos)	n/a	=	92	%	EPA 625.1m	-88	-88	63	129	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Ronnel (Fenclorophos)	n/a	=	0.0463	µg/L	EPA 625.1m	0.0036	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	
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Ronnel (Fenclorphos)	n/a	=	93	%	EPA 625.1m	-88	-88	63	129	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Ronnel (Fenclorphos)	n/a	=	0.9	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Ronnel (Fenclorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01			
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Simazine	n/a	<	0.058	µg/L	EPA 525.2	0.058	0.1			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Simazine	n/a	=	4.03	µg/L	EPA 525.2	0.058	0.1			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Simazine	n/a	=	81	%	EPA 525.2	-88	-88	60	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Simazine	n/a	=	4.2	µg/L	EPA 525.2	0.058	0.1			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Simazine	n/a	=	84	%	EPA 525.2	-88	-88	60	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Simazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Pesticide	Simazine	n/a	<	0.058	µg/L	EPA 525.2	0.058	0.1			
2022/23-6	Lab	LCS	6/6/2023	Pesticide	Simazine	n/a	=	4.69	µg/L	EPA 525.2	0.058	0.1			
2022/23-6	Lab	LCS, rec	6/6/2023	Pesticide	Simazine	n/a	=	94	%	EPA 525.2	-88	-88	60	130	
2022/23-6	Lab	LCS dup	6/6/2023	Pesticide	Simazine	n/a	=	4.69	µg/L	EPA 525.2	0.058	0.1			
2022/23-6	Lab	LCS dup, rec	6/6/2023	Pesticide	Simazine	n/a	=	94	%	EPA 525.2	-88	-88	60	130	
2022/23-6	Lab	LCS, RPD	6/6/2023	Pesticide	Simazine	n/a	=	0.02	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/12/2023	Pesticide	Simazine	n/a	<	0.058	µg/L	EPA 525.2	0.058	0.1			
2022/23-6	Lab	LCS	6/12/2023	Pesticide	Simazine	n/a	=	5.9	µg/L	EPA 525.2	0.058	0.1			
2022/23-6	Lab	LCS, rec	6/12/2023	Pesticide	Simazine	n/a	=	118	%	EPA 525.2	-88	-88	60	130	
2022/23-6	Lab	LCS dup	6/12/2023	Pesticide	Simazine	n/a	=	6.03	µg/L	EPA 525.2	0.058	0.1			
2022/23-6	Lab	LCS dup, rec	6/12/2023	Pesticide	Simazine	n/a	=	121	%	EPA 525.2	-88	-88	60	130	
2022/23-6	Lab	LCS, RPD	6/12/2023	Pesticide	Simazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Pesticide	Simazine	n/a	<	0.058	µg/L	EPA 525.2	0.058	0.1			
2022/23-6	Lab	LCS	6/20/2023	Pesticide	Simazine	n/a	=	6.15	µg/L	EPA 525.2	0.058	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Pesticide	Simazine	n/a	=	123	%	EPA 525.2	-88	-88	60	130	
2022/23-6	Lab	LCS dup	6/20/2023	Pesticide	Simazine	n/a	=	6.33	µg/L	EPA 525.2	0.058	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Pesticide	Simazine	n/a	=	127	%	EPA 525.2	-88	-88	60	130	
2022/23-6	Lab	LCS, RPD	6/20/2023	Pesticide	Simazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0265	µg/L	EPA 625.1m	0.0024	0.01			EUM
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	53	%	EPA 625.1m	-88	-88	71	184	EUM
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0309	µg/L	EPA 625.1m	0.0024	0.01			EUM
2022/23-6	Lab	LCS dup, rec	5/27/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	62	%	EPA 625.1m	-88	-88	71	184	EUM
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	15	%	EPA 625.1m	-88	-88	0	30	EUM
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0459	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	92	%	EPA 625.1m	-88	-88	71	184	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0478	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	96	%	EPA 625.1m	-88	-88	71	184	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	4	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01			
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Terbacil	n/a	=	6	µg/L	EPA 525.2	0.09	2			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Terbacil	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Terbacil	n/a	=	5.58	µg/L	EPA 525.2	0.09	2			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Terbacil	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Terbacil	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2022/23-6	Lab	LCS	6/6/2023	Pesticide	Terbacil	n/a	=	5.91	µg/L	EPA 525.2	0.09	2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-6	Lab	LCS, rec	6/6/2023	Pesticide	Terbacil	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/6/2023	Pesticide	Terbacil	n/a	=	6.33	µg/L	EPA 525.2	0.09	2			
2022/23-6	Lab	LCS dup, rec	6/6/2023	Pesticide	Terbacil	n/a	=	127	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/6/2023	Pesticide	Terbacil	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/12/2023	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2022/23-6	Lab	LCS	6/12/2023	Pesticide	Terbacil	n/a	=	5.8	µg/L	EPA 525.2	0.09	2			
2022/23-6	Lab	LCS, rec	6/12/2023	Pesticide	Terbacil	n/a	=	116	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/12/2023	Pesticide	Terbacil	n/a	=	5.92	µg/L	EPA 525.2	0.09	2			
2022/23-6	Lab	LCS dup, rec	6/12/2023	Pesticide	Terbacil	n/a	=	118	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/12/2023	Pesticide	Terbacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2022/23-6	Lab	LCS	6/20/2023	Pesticide	Terbacil	n/a	=	5.67	µg/L	EPA 525.2	0.09	2			
2022/23-6	Lab	LCS, rec	6/20/2023	Pesticide	Terbacil	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/20/2023	Pesticide	Terbacil	n/a	=	5.98	µg/L	EPA 525.2	0.09	2			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Pesticide	Terbacil	n/a	=	120	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/20/2023	Pesticide	Terbacil	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Thiobencarb	n/a	<	0.069	µg/L	EPA 525.2	0.069	0.1			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Thiobencarb	n/a	=	4.42	µg/L	EPA 525.2	0.069	0.1			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Thiobencarb	n/a	=	88	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Thiobencarb	n/a	=	4.77	µg/L	EPA 525.2	0.069	0.1			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Thiobencarb	n/a	=	95	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Thiobencarb	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Pesticide	Thiobencarb	n/a	<	0.069	µg/L	EPA 525.2	0.069	0.1			
2022/23-6	Lab	LCS	6/6/2023	Pesticide	Thiobencarb	n/a	=	5.25	µg/L	EPA 525.2	0.069	0.1			
2022/23-6	Lab	LCS, rec	6/6/2023	Pesticide	Thiobencarb	n/a	=	105	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/6/2023	Pesticide	Thiobencarb	n/a	=	5.11	µg/L	EPA 525.2	0.069	0.1			
2022/23-6	Lab	LCS dup, rec	6/6/2023	Pesticide	Thiobencarb	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/6/2023	Pesticide	Thiobencarb	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/12/2023	Pesticide	Thiobencarb	n/a	<	0.069	µg/L	EPA 525.2	0.069	0.1			
2022/23-6	Lab	LCS	6/12/2023	Pesticide	Thiobencarb	n/a	=	5.29	µg/L	EPA 525.2	0.069	0.1			
2022/23-6	Lab	LCS, rec	6/12/2023	Pesticide	Thiobencarb	n/a	=	106	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/12/2023	Pesticide	Thiobencarb	n/a	=	5.53	µg/L	EPA 525.2	0.069	0.1			
2022/23-6	Lab	LCS dup, rec	6/12/2023	Pesticide	Thiobencarb	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/12/2023	Pesticide	Thiobencarb	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Pesticide	Thiobencarb	n/a	<	0.069	µg/L	EPA 525.2	0.069	0.1			
2022/23-6	Lab	LCS	6/20/2023	Pesticide	Thiobencarb	n/a	=	6.24	µg/L	EPA 525.2	0.069	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Pesticide	Thiobencarb	n/a	=	125	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/20/2023	Pesticide	Thiobencarb	n/a	=	6.3	µg/L	EPA 525.2	0.069	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Pesticide	Thiobencarb	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/20/2023	Pesticide	Thiobencarb	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Tokuthion	n/a	=	0.0508	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Tokuthion	n/a	=	102	%	EPA 625.1m	-88	-88	69	149	
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Tokuthion	n/a	=	0.0457	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-6	Lab	LCS dup, rec	5/27/2023	Pesticide	Tokuthion	n/a	=	91	%	EPA 625.1m	-88	-88	69	149	
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Tokuthion	n/a	=	11	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Tokuthion	n/a	=	0.0453	µg/L	EPA 625.1m	0.0022	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	
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Tokuthion	n/a	=	91	%	EPA 625.1m	-88	-88	69	149	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Tokuthion	n/a	=	0.0461	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Tokuthion	n/a	=	92	%	EPA 625.1m	-88	-88	69	149	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Tokuthion	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01			
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2022/23-6	Lab	method blank	6/7/2023	Pesticide	Toxaphene	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5			
2022/23-6	Lab	LCS	5/26/2023	Pesticide	Trichloronate	n/a	=	0.0402	µg/L	EPA 625.1m	0.0037	0.01			
2022/23-6	Lab	LCS, rec	5/26/2023	Pesticide	Trichloronate	n/a	=	80	%	EPA 625.1m	-88	-88	67	134	
2022/23-6	Lab	LCS dup	5/27/2023	Pesticide	Trichloronate	n/a	=	0.0416	µg/L	EPA 625.1m	0.0037	0.01			
2022/23-6	Lab	LCS dup, rec	5/27/2023	Pesticide	Trichloronate	n/a	=	83	%	EPA 625.1m	-88	-88	67	134	
2022/23-6	Lab	LCS, RPD	5/27/2023	Pesticide	Trichloronate	n/a	=	3	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	5/27/2023	Pesticide	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01			
2022/23-6	Lab	LCS	6/2/2023	Pesticide	Trichloronate	n/a	=	0.0455	µg/L	EPA 625.1m	0.0037	0.01			
2022/23-6	Lab	LCS, rec	6/2/2023	Pesticide	Trichloronate	n/a	=	91	%	EPA 625.1m	-88	-88	67	134	
2022/23-6	Lab	LCS dup	6/2/2023	Pesticide	Trichloronate	n/a	=	0.0444	µg/L	EPA 625.1m	0.0037	0.01			
2022/23-6	Lab	LCS dup, rec	6/2/2023	Pesticide	Trichloronate	n/a	=	89	%	EPA 625.1m	-88	-88	67	134	
2022/23-6	Lab	LCS, RPD	6/2/2023	Pesticide	Trichloronate	n/a	=	2	%	EPA 625.1m	-88	-88	0	30	
2022/23-6	Lab	method blank	6/2/2023	Pesticide	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01			
2022/23-6	Lab	method blank	6/5/2023	Pesticide	Trithion	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.1			
2022/23-6	Lab	LCS	6/5/2023	Pesticide	Trithion	n/a	=	4.33	µg/L	EPA 525.2	0.054	0.1			
2022/23-6	Lab	LCS, rec	6/5/2023	Pesticide	Trithion	n/a	=	87	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/5/2023	Pesticide	Trithion	n/a	=	4.85	µg/L	EPA 525.2	0.054	0.1			
2022/23-6	Lab	LCS dup, rec	6/5/2023	Pesticide	Trithion	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/5/2023	Pesticide	Trithion	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/6/2023	Pesticide	Trithion	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.1			
2022/23-6	Lab	LCS	6/6/2023	Pesticide	Trithion	n/a	=	5.03	µg/L	EPA 525.2	0.054	0.1			
2022/23-6	Lab	LCS, rec	6/6/2023	Pesticide	Trithion	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/6/2023	Pesticide	Trithion	n/a	=	4.88	µg/L	EPA 525.2	0.054	0.1			
2022/23-6	Lab	LCS dup, rec	6/6/2023	Pesticide	Trithion	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/6/2023	Pesticide	Trithion	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/12/2023	Pesticide	Trithion	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.1			
2022/23-6	Lab	LCS	6/12/2023	Pesticide	Trithion	n/a	=	4.66	µg/L	EPA 525.2	0.054	0.1			
2022/23-6	Lab	LCS, rec	6/12/2023	Pesticide	Trithion	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/12/2023	Pesticide	Trithion	n/a	=	4.56	µg/L	EPA 525.2	0.054	0.1			
2022/23-6	Lab	LCS dup, rec	6/12/2023	Pesticide	Trithion	n/a	=	91	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/12/2023	Pesticide	Trithion	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2022/23-6	Lab	method blank	6/20/2023	Pesticide	Trithion	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.1			
2022/23-6	Lab	LCS	6/20/2023	Pesticide	Trithion	n/a	=	4.89	µg/L	EPA 525.2	0.054	0.1			
2022/23-6	Lab	LCS, rec	6/20/2023	Pesticide	Trithion	n/a	=	98	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS dup	6/20/2023	Pesticide	Trithion	n/a	=	4.34	µg/L	EPA 525.2	0.054	0.1			
2022/23-6	Lab	LCS dup, rec	6/20/2023	Pesticide	Trithion	n/a	=	87	%	EPA 525.2	-88	-88	70	130	
2022/23-6	Lab	LCS, RPD	6/20/2023	Pesticide	Trithion	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Metal	Aluminum	Total	=	54.2	µg/L	EPA 200.8	4.4	20			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Metal	Aluminum	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Metal	Aluminum	Total	=	53.4	µg/L	EPA 200.8	4.4	20			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Metal	Aluminum	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/1/2022	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-PRE	Lab	method blank	9/1/2022	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-PRE	Lab	LCS	9/1/2022	Metal	Aluminum	Total	=	50.9	µg/L	EPA 200.8	4.4	20			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Metal	Aluminum	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Metal	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Metal	Antimony	Total	=	53.1	µg/L	EPA 200.8	0.089	0.5			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Metal	Antimony	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Metal	Antimony	Total	=	53.1	µg/L	EPA 200.8	0.089	0.5			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Metal	Antimony	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Metal	Antimony	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/1/2022	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-PRE	Lab	method blank	9/1/2022	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-PRE	Lab	LCS	9/1/2022	Metal	Antimony	Total	=	52.6	µg/L	EPA 200.8	0.089	0.5			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Metal	Antimony	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Metal	Antimony	Total	<	0.089	µg/L	EPA 200.8	0.089	0.5			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Metal	Arsenic	Total	=	50.8	µg/L	EPA 200.8	0.074	0.4			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Metal	Arsenic	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Metal	Arsenic	Total	=	50.6	µg/L	EPA 200.8	0.074	0.4			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Metal	Arsenic	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/1/2022	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-PRE	Lab	method blank	9/1/2022	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-PRE	Lab	LCS	9/1/2022	Metal	Arsenic	Total	=	50.1	µg/L	EPA 200.8	0.074	0.4			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Metal	Arsenic	Total	<	0.074	µg/L	EPA 200.8	0.074	0.4			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Metal	Beryllium	Total	=	48.6	µg/L	EPA 200.8	0.029	0.1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Metal	Beryllium	Total	=	49.4	µg/L	EPA 200.8	0.029	0.1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/1/2022	Metal	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1			
2022/23-PRE	Lab	method blank	9/1/2022	Metal	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1			
2022/23-PRE	Lab	LCS	9/1/2022	Metal	Beryllium	Total	=	48.6	µg/L	EPA 200.8	0.029	0.1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Metal	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Metal	Cadmium	Total	=	49.5	µg/L	EPA 200.8	0.042	0.2			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Metal	Cadmium	Total	=	49	µg/L	EPA 200.8	0.042	0.2			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Metal	Cadmium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/1/2022	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-PRE	Lab	method blank	9/1/2022	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			
2022/23-PRE	Lab	LCS	9/1/2022	Metal	Cadmium	Total	=	49.7	µg/L	EPA 200.8	0.042	0.2			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Metal	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Metal	Chromium	Total	=	50.8	µg/L	EPA 200.8	0.089	0.2			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Metal	Chromium	Total	=	50.5	µg/L	EPA 200.8	0.089	0.2			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Metal	Chromium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2022/23-PRE	000NONPJ	matrix spike	9/27/2022	Metal	Chromium	Total	=	52.2	µg/L	EPA 200.8	0.089	0.2			
2022/23-PRE	000NONPJ	matrix spike, rec	9/27/2022	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike dup	9/27/2022	Metal	Chromium	Total	=	52.3	µg/L	EPA 200.8	0.089	0.2			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/27/2022	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/27/2022	Metal	Chromium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2022/23-PRE	blankwater-ultrapur	equip blank	9/27/2022	Metal	Chromium	Total	DNQ	0.11	µg/L	EPA 200.8	0.089	0.2			
2022/23-PRE	Carboy Blank	equip blank	9/1/2022	Metal	Chromium	Total	DNQ	0.1	µg/L	EPA 200.8	0.089	0.2			
2022/23-PRE	Lab	method blank	9/1/2022	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-PRE	Lab	LCS	9/1/2022	Metal	Chromium	Total	=	50.2	µg/L	EPA 200.8	0.089	0.2			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-PRE	Lab	method blank	9/27/2022	Metal	Chromium	Total	<	0.089	µg/L	EPA 200.8	0.089	0.2			
2022/23-PRE	Lab	LCS	9/27/2022	Metal	Chromium	Total	=	48.6	µg/L	EPA 200.8	0.089	0.2			
2022/23-PRE	Lab	LCS, rec	9/27/2022	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Metal	Chromium	Total	DNQ	0.14	µg/L	EPA 200.8	0.089	0.2			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Metal	Copper	Total	=	53.7	µg/L	EPA 200.8	0.23	0.5			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Metal	Copper	Total	=	54.5	µg/L	EPA 200.8	0.23	0.5			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2022/23-PRE	000NONPJ	matrix spike	9/27/2022	Metal	Copper	Total	=	49	µg/L	EPA 200.8	0.23	0.5			
2022/23-PRE	000NONPJ	matrix spike, rec	9/27/2022	Metal	Copper	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike dup	9/27/2022	Metal	Copper	Total	=	48.6	µg/L	EPA 200.8	0.23	0.5			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/27/2022	Metal	Copper	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/27/2022	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-PRE	blankwater-ultrapur	equip blank	9/27/2022	Metal	Copper	Total	=	0.51	µg/L	EPA 200.8	0.23	0.5			
2022/23-PRE	Carboy Blank	equip blank	9/1/2022	Metal	Copper	Total	=	0.83	µg/L	EPA 200.8	0.23	0.5			
2022/23-PRE	Lab	method blank	9/1/2022	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-PRE	Lab	LCS	9/1/2022	Metal	Copper	Total	=	50	µg/L	EPA 200.8	0.23	0.5			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-PRE	Lab	method blank	9/27/2022	Metal	Copper	Total	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2022/23-PRE	Lab	LCS	9/27/2022	Metal	Copper	Total	=	49.1	µg/L	EPA 200.8	0.23	0.5			
2022/23-PRE	Lab	LCS, rec	9/27/2022	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Metal	Copper	Total	=	0.74	µg/L	EPA 200.8	0.23	0.5			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Metal	Iron	Total	=	1190	µg/L	EPA 200.8	3.9	20			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Metal	Iron	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Metal	Iron	Total	=	1180	µg/L	EPA 200.8	3.9	20			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Metal	Iron	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Metal	Iron	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2022/23-PRE	000NONPJ	matrix spike	9/27/2022	Metal	Iron	Total	=	1180	µg/L	EPA 200.8	3.9	20			
2022/23-PRE	000NONPJ	matrix spike, rec	9/27/2022	Metal	Iron	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike dup	9/27/2022	Metal	Iron	Total	=	1190	µg/L	EPA 200.8	3.9	20			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/27/2022	Metal	Iron	Total	=	98	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/27/2022	Metal	Iron	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2022/23-PRE	blankwater-ultrapur	equip blank	9/27/2022	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-PRE	Carboy Blank	equip blank	9/1/2022	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-PRE	Lab	method blank	9/1/2022	Metal	Iron	Total	DNQ	8.13	µg/L	EPA 200.8	3.9	20			IP
2022/23-PRE	Lab	LCS	9/1/2022	Metal	Iron	Total	=	1080	µg/L	EPA 200.8	3.9	20			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Metal	Iron	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2022/23-PRE	Lab	method blank	9/27/2022	Metal	Iron	Total	<	3.9	µg/L	EPA 200.8	3.9	20			
2022/23-PRE	Lab	LCS	9/27/2022	Metal	Iron	Total	=	1040	µg/L	EPA 200.8	3.9	20			
2022/23-PRE	Lab	LCS, rec	9/27/2022	Metal	Iron	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Metal	Iron	Total	=	21	µg/L	EPA 200.8	3.9	20			UL-MB
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Metal	Lead	Total	=	51.9	µg/L	EPA 200.8	0.083	0.2			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Metal	Lead	Total	=	51.2	µg/L	EPA 200.8	0.083	0.2			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/1/2022	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-PRE	Lab	method blank	9/1/2022	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-PRE	Lab	LCS	9/1/2022	Metal	Lead	Total	=	49.7	µg/L	EPA 200.8	0.083	0.2			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Metal	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2022/23-PRE	000NONPJ	matrix spike	9/2/2022	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	37	50			
2022/23-PRE	000NONPJ	matrix spike, rec	9/2/2022	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike dup	9/2/2022	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	37	50			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/2/2022	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/2/2022	Metal	Mercury	Total	=	3	%	EPA 245.1	-88	-88	0	20	
2022/23-PRE	000NONPJ	matrix spike	9/2/2022	Metal	Mercury	Total	=	978	ng/L	EPA 245.1	37	50			
2022/23-PRE	000NONPJ	matrix spike, rec	9/2/2022	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike dup	9/2/2022	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	37	50			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/2/2022	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/2/2022	Metal	Mercury	Total	=	4	%	EPA 245.1	-88	-88	0	20	
2022/23-PRE	Carboy Blank	equip blank	9/2/2022	Metal	Mercury	Total	<	37	ng/L	EPA 245.1	37	50			
2022/23-PRE	Lab	method blank	9/2/2022	Metal	Mercury	Total	<	37	ng/L	EPA 245.1	37	50			
2022/23-PRE	Lab	LCS	9/2/2022	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	37	50			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	85	115	
2022/23-PRE	Tubing Blank	equip blank	9/2/2022	Metal	Mercury	Total	<	37	ng/L	EPA 245.1	37	50			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Metal	Nickel	Total	=	50.6	µg/L	EPA 200.8	0.16	2			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Metal	Nickel	Total	=	50.1	µg/L	EPA 200.8	0.16	2			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/1/2022	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2022/23-PRE	Lab	method blank	9/1/2022	Metal	Nickel	Total	DNQ	0.533	µg/L	EPA 200.8	0.16	2			IP
2022/23-PRE	Lab	LCS	9/1/2022	Metal	Nickel	Total	=	50.8	µg/L	EPA 200.8	0.16	2			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Metal	Nickel	Total	<	0.16	µg/L	EPA 200.8	0.16	2			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Metal	Selenium	Total	=	48.6	µg/L	EPA 200.8	0.067	0.4			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Metal	Selenium	Total	=	48.3	µg/L	EPA 200.8	0.067	0.4			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Metal	Selenium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/1/2022	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-PRE	Lab	method blank	9/1/2022	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-PRE	Lab	LCS	9/1/2022	Metal	Selenium	Total	=	48.9	µg/L	EPA 200.8	0.067	0.4			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Metal	Selenium	Total	<	0.067	µg/L	EPA 200.8	0.067	0.4			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Metal	Silver	Total	=	49.1	µg/L	EPA 200.8	0.13	0.2			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Metal	Silver	Total	=	49.5	µg/L	EPA 200.8	0.13	0.2			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Metal	Silver	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/1/2022	Metal	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2			
2022/23-PRE	Lab	method blank	9/1/2022	Metal	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2			
2022/23-PRE	Lab	LCS	9/1/2022	Metal	Silver	Total	=	49.9	µg/L	EPA 200.8	0.13	0.2			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Metal	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Metal	Thallium	Total	=	49.8	µg/L	EPA 200.8	0.021	0.2			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Metal	Thallium	Total	=	49.6	µg/L	EPA 200.8	0.021	0.2			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Metal	Thallium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/1/2022	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-PRE	Lab	method blank	9/1/2022	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-PRE	Lab	LCS	9/1/2022	Metal	Thallium	Total	=	49.7	µg/L	EPA 200.8	0.021	0.2			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Metal	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Metal	Zinc	Total	=	199	µg/L	EPA 200.8	1.7	10			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Metal	Zinc	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Metal	Zinc	Total	=	199	µg/L	EPA 200.8	1.7	10			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Metal	Zinc	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Metal	Zinc	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/1/2022	Metal	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10			
2022/23-PRE	Lab	method blank	9/1/2022	Metal	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10			
2022/23-PRE	Lab	LCS	9/1/2022	Metal	Zinc	Total	=	50.3	µg/L	EPA 200.8	1.7	10			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Metal	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10			
2022/23-PRE	000NONPJ	matrix spike	9/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	7.51	mg/L	EPA 353.2	0.036	0.2			
2022/23-PRE	000NONPJ	matrix spike, rec	9/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	
2022/23-PRE	000NONPJ	matrix spike dup	9/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	7.49	mg/L	EPA 353.2	0.036	0.2			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	0.3	%	EPA 353.2	-88	-88	0	20	
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	DNQ	0.041	mg/L	EPA 353.2	0.036	0.2			
2022/23-PRE	Lab	method blank	9/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2022/23-PRE	Lab	LCS	9/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	1.02	mg/L	EPA 353.2	0.036	0.2			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Nutrient	Nitrate + Nitrite as N	n/a	<	0.036	mg/L	EPA 353.2	0.036	0.2			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	14.8	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	73	%	EPA 625.1	-88	-88	44	142	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	15.2	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	74	%	EPA 625.1	-88	-88	44	142	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	14.7	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	74	%	EPA 625.1	-88	-88	57	130	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	13.6	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	68	%	EPA 625.1	-88	-88	57	130	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	14.9	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	75	%	EPA 625.1	-88	-88	57	130	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	13.7	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	68	%	EPA 625.1	-88	-88	57	130	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	15.2	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	76	%	EPA 625.1	-88	-88	57	130	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	1,2,4-Trichlorobenzene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	1,2-Dichlorobenzene	n/a	=	15.2	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	1,2-Dichlorobenzene	n/a	=	75	%	EPA 625.1	-88	-88	51	120	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	1,2-Dichlorobenzene	n/a	=	15.8	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	1,2-Dichlorobenzene	n/a	=	78	%	EPA 625.1	-88	-88	51	120	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	1,2-Dichlorobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	1,2-Dichlorobenzene	n/a	=	14.8	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	1,2-Dichlorobenzene	n/a	=	74	%	EPA 625.1	-88	-88	57	120	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	1,2-Dichlorobenzene	n/a	=	13.7	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	1,2-Dichlorobenzene	n/a	=	68	%	EPA 625.1	-88	-88	57	120	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	1,2-Dichlorobenzene	n/a	=	15.5	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	1,2-Dichlorobenzene	n/a	=	77	%	EPA 625.1	-88	-88	57	120	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	1,2-Dichlorobenzene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	1,2-Dichlorobenzene	n/a	=	13.8	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	1,2-Dichlorobenzene	n/a	=	69	%	EPA 625.1	-88	-88	57	120	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	1,2-Dichlorobenzene	n/a	=	15.7	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	1,2-Dichlorobenzene	n/a	=	79	%	EPA 625.1	-88	-88	57	120	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	1,2-Dichlorobenzene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2022/23-PRE	Lab	method blank	9/1/2022	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2022/23-PRE	Lab	method blank	9/7/2022	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	1,3-Dichlorobenzene	n/a	=	14.1	µg/L	EPA 625.1	0.42	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	1,3-Dichlorobenzene	n/a	=	70	%	EPA 625.1	-88	-88	37	120	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	1,3-Dichlorobenzene	n/a	=	14.4	µg/L	EPA 625.1	0.42	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	1,3-Dichlorobenzene	n/a	=	71	%	EPA 625.1	-88	-88	37	120	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	1,3-Dichlorobenzene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	1,3-Dichlorobenzene	n/a	=	13.7	µg/L	EPA 625.1	0.42	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	1,3-Dichlorobenzene	n/a	=	68	%	EPA 625.1	-88	-88	55	120	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	1,3-Dichlorobenzene	n/a	=	12.9	µg/L	EPA 625.1	0.42	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	1,3-Dichlorobenzene	n/a	=	64	%	EPA 625.1	-88	-88	55	120	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	1,3-Dichlorobenzene	n/a	=	14.3	µg/L	EPA 625.1	0.42	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	1,3-Dichlorobenzene	n/a	=	72	%	EPA 625.1	-88	-88	55	120	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	1,3-Dichlorobenzene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	1,3-Dichlorobenzene	n/a	=	12.8	µg/L	EPA 625.1	0.42	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	1,3-Dichlorobenzene	n/a	=	64	%	EPA 625.1	-88	-88	55	120	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	1,3-Dichlorobenzene	n/a	=	14.3	µg/L	EPA 625.1	0.42	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	1,3-Dichlorobenzene	n/a	=	72	%	EPA 625.1	-88	-88	55	120	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	1,3-Dichlorobenzene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1			
2022/23-PRE	Carboy Blank	srgt equip blank	9/3/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.38	µg/L	EPA 525.2	-88	-88			
2022/23-PRE	Carboy Blank	srgt equip blank, rec	9/3/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	srgt method blank	9/3/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.21	µg/L	EPA 525.2	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/3/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	srgt LCS	9/3/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5	µg/L	EPA 525.2	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/3/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	srgt LCS dup	9/3/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.03	µg/L	EPA 525.2	-88	-88			
2022/23-PRE	Lab	srgt LCS dup, rec	9/3/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Tubing Blank	srgt equip blank	9/3/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.39	µg/L	EPA 525.2	-88	-88			
2022/23-PRE	Tubing Blank	srgt equip blank, rec	9/3/2022	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	1,4-Dichlorobenzene	n/a	=	14.1	µg/L	EPA 625.1	0.48	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	1,4-Dichlorobenzene	n/a	=	70	%	EPA 625.1	-88	-88	39	120	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	1,4-Dichlorobenzene	n/a	=	14.5	µg/L	EPA 625.1	0.48	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	1,4-Dichlorobenzene	n/a	=	71	%	EPA 625.1	-88	-88	39	120	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	1,4-Dichlorobenzene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	1,4-Dichlorobenzene	n/a	=	13.6	µg/L	EPA 625.1	0.48	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	1,4-Dichlorobenzene	n/a	=	68	%	EPA 625.1	-88	-88	55	120	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	1,4-Dichlorobenzene	n/a	=	12.5	µg/L	EPA 625.1	0.48	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	1,4-Dichlorobenzene	n/a	=	62	%	EPA 625.1	-88	-88	55	120	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	1,4-Dichlorobenzene	n/a	=	14.3	µg/L	EPA 625.1	0.48	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	1,4-Dichlorobenzene	n/a	=	72	%	EPA 625.1	-88	-88	55	120	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	1,4-Dichlorobenzene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	1,4-Dichlorobenzene	n/a	=	12.6	µg/L	EPA 625.1	0.48	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	1,4-Dichlorobenzene	n/a	=	63	%	EPA 625.1	-88	-88	55	120	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	1,4-Dichlorobenzene	n/a	=	14.5	µg/L	EPA 625.1	0.48	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	1,4-Dichlorobenzene	n/a	=	72	%	EPA 625.1	-88	-88	55	120	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	1,4-Dichlorobenzene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1			
2022/23-PRE	000NONPJ	srgt matrix spike	9/1/2022	Organic	2,4,6-Tribromophenol	n/a	=	29.3	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	000NONPJ	srgt matrix spike, rec	9/1/2022	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625.1	-88	-88	25	120	
2022/23-PRE	000NONPJ	srgt matrix spike dup	9/1/2022	Organic	2,4,6-Tribromophenol	n/a	=	30.9	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	000NONPJ	srgt matrix spike dup, rec	9/1/2022	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625.1	-88	-88	25	120	
2022/23-PRE	Carboy Blank	srgt equip blank	9/7/2022	Organic	2,4,6-Tribromophenol	n/a	=	30	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Carboy Blank	srgt equip blank, rec	9/7/2022	Organic	2,4,6-Tribromophenol	n/a	=	75	%	EPA 625.1	-88	-88	25	120	
2022/23-PRE	Lab	srgt LCS	9/1/2022	Organic	2,4,6-Tribromophenol	n/a	=	31.6	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/1/2022	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625.1	-88	-88	25	120	
2022/23-PRE	Lab	srgt method blank	9/1/2022	Organic	2,4,6-Tribromophenol	n/a	=	27.1	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/1/2022	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 625.1	-88	-88	25	120	
2022/23-PRE	Lab	srgt LCS	9/2/2022	Organic	2,4,6-Tribromophenol	n/a	=	31.3	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/2/2022	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 625.1	-88	-88	25	120	
2022/23-PRE	Lab	srgt LCS dup	9/2/2022	Organic	2,4,6-Tribromophenol	n/a	=	33.9	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS dup, rec	9/2/2022	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 625.1	-88	-88	25	120	
2022/23-PRE	Lab	srgt method blank	9/2/2022	Organic	2,4,6-Tribromophenol	n/a	=	29.2	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/2/2022	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625.1	-88	-88	25	120	
2022/23-PRE	Lab	srgt LCS	9/7/2022	Organic	2,4,6-Tribromophenol	n/a	=	32.4	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/7/2022	Organic	2,4,6-Tribromophenol	n/a	=	81	%	EPA 625.1	-88	-88	25	120	
2022/23-PRE	Lab	srgt method blank	9/7/2022	Organic	2,4,6-Tribromophenol	n/a	=	25.5	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/7/2022	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 625.1	-88	-88	25	120	
2022/23-PRE	Lab	srgt LCS	9/7/2022	Organic	2,4,6-Tribromophenol	n/a	=	32.7	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/7/2022	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625.1	-88	-88	25	120	
2022/23-PRE	Lab	srgt LCS dup	9/7/2022	Organic	2,4,6-Tribromophenol	n/a	=	34.2	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS dup, rec	9/7/2022	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 625.1	-88	-88	25	120	
2022/23-PRE	Lab	srgt method blank	9/7/2022	Organic	2,4,6-Tribromophenol	n/a	=	28.5	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/7/2022	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625.1	-88	-88	25	120	
2022/23-PRE	Tubing Blank	srgt equip blank	9/1/2022	Organic	2,4,6-Tribromophenol	n/a	=	30.7	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Tubing Blank	srgt equip blank, rec	9/1/2022	Organic	2,4,6-Tribromophenol	n/a	=	73	%	EPA 625.1	-88	-88	25	120	
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	2,4,6-Trichlorophenol	n/a	=	16.1	µg/L	EPA 625.1	0.22	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	2,4,6-Trichlorophenol	n/a	=	80	%	EPA 625.1	-88	-88	37	144	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	2,4,6-Trichlorophenol	n/a	=	16.9	µg/L	EPA 625.1	0.22	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	2,4,6-Trichlorophenol	n/a	=	83	%	EPA 625.1	-88	-88	37	144	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	2,4,6-Trichlorophenol	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	2,4,6-Trichlorophenol	n/a	=	16.5	µg/L	EPA 625.1	0.22	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	2,4,6-Trichlorophenol	n/a	=	83	%	EPA 625.1	-88	-88	52	129	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	LCS	9/2/2022	Organic	2,4,6-Trichlorophenol	n/a	=	17	µg/L	EPA 625.1	0.22	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	2,4,6-Trichlorophenol	n/a	=	85	%	EPA 625.1	-88	-88	52	129	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	2,4,6-Trichlorophenol	n/a	=	17.6	µg/L	EPA 625.1	0.22	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	2,4,6-Trichlorophenol	n/a	=	88	%	EPA 625.1	-88	-88	52	129	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	2,4,6-Trichlorophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	2,4,6-Trichlorophenol	n/a	=	16.6	µg/L	EPA 625.1	0.22	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	2,4,6-Trichlorophenol	n/a	=	83	%	EPA 625.1	-88	-88	52	129	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	2,4,6-Trichlorophenol	n/a	=	17.5	µg/L	EPA 625.1	0.22	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	2,4,6-Trichlorophenol	n/a	=	88	%	EPA 625.1	-88	-88	52	129	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	2,4,6-Trichlorophenol	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	2,4-Dichlorophenol	n/a	=	16.2	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	2,4-Dichlorophenol	n/a	=	80	%	EPA 625.1	-88	-88	39	135	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	2,4-Dichlorophenol	n/a	=	16.7	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	2,4-Dichlorophenol	n/a	=	82	%	EPA 625.1	-88	-88	39	135	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	2,4-Dichlorophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	2,4-Dichlorophenol	n/a	=	16.8	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	2,4-Dichlorophenol	n/a	=	84	%	EPA 625.1	-88	-88	53	122	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	2,4-Dichlorophenol	n/a	=	16.3	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	2,4-Dichlorophenol	n/a	=	82	%	EPA 625.1	-88	-88	53	122	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	2,4-Dichlorophenol	n/a	=	17.2	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	2,4-Dichlorophenol	n/a	=	86	%	EPA 625.1	-88	-88	53	122	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	2,4-Dichlorophenol	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	2,4-Dichlorophenol	n/a	=	16.1	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	2,4-Dichlorophenol	n/a	=	80	%	EPA 625.1	-88	-88	53	122	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	2,4-Dichlorophenol	n/a	=	17.1	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	2,4-Dichlorophenol	n/a	=	86	%	EPA 625.1	-88	-88	53	122	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	2,4-Dichlorophenol	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	2,4-Dimethylphenol	n/a	=	3.08	µg/L	EPA 625.1	0.76	1			GB,IL
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	2,4-Dimethylphenol	n/a	=	15	%	EPA 625.1	-88	-88	32	130	GB,IL
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	2,4-Dimethylphenol	n/a	=	4.86	µg/L	EPA 625.1	0.76	1			GB,IL
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	2,4-Dimethylphenol	n/a	=	24	%	EPA 625.1	-88	-88	32	130	GB,IL
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	2,4-Dimethylphenol	n/a	=	45	%	EPA 625.1	-88	-88	0	30	GB,IL
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	2,4-Dimethylphenol	n/a	=	14.4	µg/L	EPA 625.1	0.76	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	2,4-Dimethylphenol	n/a	=	72	%	EPA 625.1	-88	-88	42	120	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	2,4-Dimethylphenol	n/a	=	13.7	µg/L	EPA 625.1	0.76	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	2,4-Dimethylphenol	n/a	=	69	%	EPA 625.1	-88	-88	42	120	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	2,4-Dimethylphenol	n/a	=	15.3	µg/L	EPA 625.1	0.76	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	2,4-Dimethylphenol	n/a	=	77	%	EPA 625.1	-88	-88	42	120	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	2,4-Dimethylphenol	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	2,4-Dimethylphenol	n/a	=	8.24	µg/L	EPA 625.1	0.76	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	2,4-Dimethylphenol	n/a	=	41	%	EPA 625.1	-88	-88	42	120	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	2,4-Dimethylphenol	n/a	=	11.1	µg/L	EPA 625.1	0.76	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	2,4-Dimethylphenol	n/a	=	56	%	EPA 625.1	-88	-88	42	120	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	2,4-Dimethylphenol	n/a	=	30	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	2,4-Dinitrophenol	n/a	=	22	µg/L	EPA 625.1	1.9	10			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	2,4-Dinitrophenol	n/a	=	109	%	EPA 625.1	-88	-88	0.1	191	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	2,4-Dinitrophenol	n/a	=	23.7	µg/L	EPA 625.1	1.9	10			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	2,4-Dinitrophenol	n/a	=	116	%	EPA 625.1	-88	-88	0.1	191	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	2,4-Dinitrophenol	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	2,4-Dinitrophenol	n/a	=	22.6	µg/L	EPA 625.1	1.9	10			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	2,4-Dinitrophenol	n/a	=	113	%	EPA 625.1	-88	-88	0.1	173	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	2,4-Dinitrophenol	n/a	=	22.8	µg/L	EPA 625.1	1.9	10			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	2,4-Dinitrophenol	n/a	=	114	%	EPA 625.1	-88	-88	0.1	173	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	2,4-Dinitrophenol	n/a	=	24.3	µg/L	EPA 625.1	1.9	10			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	2,4-Dinitrophenol	n/a	=	122	%	EPA 625.1	-88	-88	0.1	173	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	2,4-Dinitrophenol	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	2,4-Dinitrophenol	n/a	=	20.3	µg/L	EPA 625.1	1.9	10			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	2,4-Dinitrophenol	n/a	=	102	%	EPA 625.1	-88	-88	0.1	173	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	2,4-Dinitrophenol	n/a	=	21.7	µg/L	EPA 625.1	1.9	10			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	2,4-Dinitrophenol	n/a	=	109	%	EPA 625.1	-88	-88	0.1	173	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	2,4-Dinitrophenol	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	2,4-Dinitrotoluene	n/a	=	17.3	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	2,4-Dinitrotoluene	n/a	=	85	%	EPA 625.1	-88	-88	39	139	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	2,4-Dinitrotoluene	n/a	=	17.9	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	2,4-Dinitrotoluene	n/a	=	88	%	EPA 625.1	-88	-88	39	139	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	2,4-Dinitrotoluene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	2,4-Dinitrotoluene	n/a	=	18	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	2,4-Dinitrotoluene	n/a	=	90	%	EPA 625.1	-88	-88	48	127	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	2,4-Dinitrotoluene	n/a	=	17.3	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	2,4-Dinitrotoluene	n/a	=	87	%	EPA 625.1	-88	-88	48	127	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	2,4-Dinitrotoluene	n/a	=	19	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	2,4-Dinitrotoluene	n/a	=	95	%	EPA 625.1	-88	-88	48	127	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	2,4-Dinitrotoluene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	LCS	9/7/2022	Organic	2,4-Dinitrotoluene	n/a	=	17.5	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	2,4-Dinitrotoluene	n/a	=	87	%	EPA 625.1	-88	-88	48	127	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	2,4-Dinitrotoluene	n/a	=	18.8	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	2,4-Dinitrotoluene	n/a	=	94	%	EPA 625.1	-88	-88	48	127	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	2,4-Dinitrotoluene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	2,6-Dinitrotoluene	n/a	=	15.6	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	2,6-Dinitrotoluene	n/a	=	77	%	EPA 625.1	-88	-88	50	158	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	2,6-Dinitrotoluene	n/a	=	15.8	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	2,6-Dinitrotoluene	n/a	=	77	%	EPA 625.1	-88	-88	50	158	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	2,6-Dinitrotoluene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	2,6-Dinitrotoluene	n/a	=	14.9	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	2,6-Dinitrotoluene	n/a	=	74	%	EPA 625.1	-88	-88	68	137	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	2,6-Dinitrotoluene	n/a	=	14.8	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	2,6-Dinitrotoluene	n/a	=	74	%	EPA 625.1	-88	-88	68	137	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	2,6-Dinitrotoluene	n/a	=	15.1	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	2,6-Dinitrotoluene	n/a	=	75	%	EPA 625.1	-88	-88	68	137	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	2,6-Dinitrotoluene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	2,6-Dinitrotoluene	n/a	=	13.9	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	2,6-Dinitrotoluene	n/a	=	69	%	EPA 625.1	-88	-88	68	137	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	2,6-Dinitrotoluene	n/a	=	14.7	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	2,6-Dinitrotoluene	n/a	=	73	%	EPA 625.1	-88	-88	68	137	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	2,6-Dinitrotoluene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	2-Chloronaphthalene	n/a	=	14	µg/L	EPA 625.1	0.45	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	2-Chloronaphthalene	n/a	=	70	%	EPA 625.1	-88	-88	60	120	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	2-Chloronaphthalene	n/a	=	14.9	µg/L	EPA 625.1	0.45	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	2-Chloronaphthalene	n/a	=	73	%	EPA 625.1	-88	-88	60	120	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	2-Chloronaphthalene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	2-Chloronaphthalene	n/a	=	14.5	µg/L	EPA 625.1	0.45	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	2-Chloronaphthalene	n/a	=	73	%	EPA 625.1	-88	-88	65	120	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	2-Chloronaphthalene	n/a	=	13.9	µg/L	EPA 625.1	0.45	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	2-Chloronaphthalene	n/a	=	70	%	EPA 625.1	-88	-88	65	120	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	2-Chloronaphthalene	n/a	=	15	µg/L	EPA 625.1	0.45	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	2-Chloronaphthalene	n/a	=	75	%	EPA 625.1	-88	-88	65	120	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	2-Chloronaphthalene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	2-Chloronaphthalene	n/a	=	13.4	µg/L	EPA 625.1	0.45	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	2-Chloronaphthalene	n/a	=	67	%	EPA 625.1	-88	-88	65	120	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	2-Chloronaphthalene	n/a	=	15.3	µg/L	EPA 625.1	0.45	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	2-Chloronaphthalene	n/a	=	76	%	EPA 625.1	-88	-88	65	120	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	2-Chloronaphthalene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	2-Chlorophenol	n/a	=	14.7	µg/L	EPA 625.1	0.28	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	2-Chlorophenol	n/a	=	73	%	EPA 625.1	-88	-88	23	134	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	2-Chlorophenol	n/a	=	15.2	µg/L	EPA 625.1	0.28	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	2-Chlorophenol	n/a	=	75	%	EPA 625.1	-88	-88	23	134	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	2-Chlorophenol	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	2-Chlorophenol	n/a	=	14.3	µg/L	EPA 625.1	0.28	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	2-Chlorophenol	n/a	=	72	%	EPA 625.1	-88	-88	36	120	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	2-Chlorophenol	n/a	=	14.5	µg/L	EPA 625.1	0.28	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	2-Chlorophenol	n/a	=	73	%	EPA 625.1	-88	-88	36	120	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	2-Chlorophenol	n/a	=	15.2	µg/L	EPA 625.1	0.28	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	2-Chlorophenol	n/a	=	76	%	EPA 625.1	-88	-88	36	120	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	2-Chlorophenol	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	2-Chlorophenol	n/a	=	14.8	µg/L	EPA 625.1	0.28	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	2-Chlorophenol	n/a	=	74	%	EPA 625.1	-88	-88	36	120	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	2-Chlorophenol	n/a	=	15.4	µg/L	EPA 625.1	0.28	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	2-Chlorophenol	n/a	=	77	%	EPA 625.1	-88	-88	36	120	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	2-Chlorophenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1			
2022/23-PRE	000NONPJ	srgt matrix spike	9/1/2022	Organic	2-Fluorobiphenyl	n/a	=	13.9	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	000NONPJ	srgt matrix spike, rec	9/1/2022	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625.1	-88	-88	22	120	
2022/23-PRE	000NONPJ	srgt matrix spike dup	9/1/2022	Organic	2-Fluorobiphenyl	n/a	=	14.3	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	000NONPJ	srgt matrix spike dup, rec	9/1/2022	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 625.1	-88	-88	22	120	
2022/23-PRE	Carboy Blank	srgt equip blank	9/7/2022	Organic	2-Fluorobiphenyl	n/a	=	13.6	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Carboy Blank	srgt equip blank, rec	9/7/2022	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625.1	-88	-88	22	120	
2022/23-PRE	Lab	srgt LCS	9/1/2022	Organic	2-Fluorobiphenyl	n/a	=	14.2	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/1/2022	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625.1	-88	-88	22	120	
2022/23-PRE	Lab	srgt method blank	9/1/2022	Organic	2-Fluorobiphenyl	n/a	=	13.3	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/1/2022	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625.1	-88	-88	22	120	
2022/23-PRE	Lab	srgt LCS	9/2/2022	Organic	2-Fluorobiphenyl	n/a	=	14.4	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/2/2022	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625.1	-88	-88	22	120	
2022/23-PRE	Lab	srgt LCS dup	9/2/2022	Organic	2-Fluorobiphenyl	n/a	=	15.6	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS dup, rec	9/2/2022	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 625.1	-88	-88	22	120	
2022/23-PRE	Lab	srgt method blank	9/2/2022	Organic	2-Fluorobiphenyl	n/a	=	14	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/2/2022	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 625.1	-88	-88	22	120	
2022/23-PRE	Lab	srgt LCS	9/7/2022	Organic	2-Fluorobiphenyl	n/a	=	14.3	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/7/2022	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625.1	-88	-88	22	120	
2022/23-PRE	Lab	srgt method blank	9/7/2022	Organic	2-Fluorobiphenyl	n/a	=	12.7	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/7/2022	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 625.1	-88	-88	22	120	
2022/23-PRE	Lab	srgt LCS	9/7/2022	Organic	2-Fluorobiphenyl	n/a	=	14.2	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	
2022/23-PRE	Lab	srgt LCS, rec	9/7/2022	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625.1	-88	-88	22	120	
2022/23-PRE	Lab	srgt LCS dup	9/7/2022	Organic	2-Fluorobiphenyl	n/a	=	15.7	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS dup, rec	9/7/2022	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 625.1	-88	-88	22	120	
2022/23-PRE	Lab	srgt method blank	9/7/2022	Organic	2-Fluorobiphenyl	n/a	=	13.9	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/7/2022	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 625.1	-88	-88	22	120	
2022/23-PRE	Tubing Blank	srgt equip blank	9/1/2022	Organic	2-Fluorobiphenyl	n/a	=	15.9	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Tubing Blank	srgt equip blank, rec	9/1/2022	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625.1	-88	-88	22	120	
2022/23-PRE	000NONPJ	srgt matrix spike	9/1/2022	Organic	2-Fluorophenol	n/a	=	17.7	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	000NONPJ	srgt matrix spike, rec	9/1/2022	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625.1	-88	-88	17	120	
2022/23-PRE	000NONPJ	srgt matrix spike dup	9/1/2022	Organic	2-Fluorophenol	n/a	=	18.7	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	000NONPJ	srgt matrix spike dup, rec	9/1/2022	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625.1	-88	-88	17	120	
2022/23-PRE	Carboy Blank	srgt equip blank	9/7/2022	Organic	2-Fluorophenol	n/a	=	21.6	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Carboy Blank	srgt equip blank, rec	9/7/2022	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625.1	-88	-88	17	120	
2022/23-PRE	Lab	srgt LCS	9/1/2022	Organic	2-Fluorophenol	n/a	=	18.9	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/1/2022	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2022/23-PRE	Lab	srgt method blank	9/1/2022	Organic	2-Fluorophenol	n/a	=	18.8	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/1/2022	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2022/23-PRE	Lab	srgt LCS	9/2/2022	Organic	2-Fluorophenol	n/a	=	19.9	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/2/2022	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625.1	-88	-88	17	120	
2022/23-PRE	Lab	srgt LCS dup	9/2/2022	Organic	2-Fluorophenol	n/a	=	20.8	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS dup, rec	9/2/2022	Organic	2-Fluorophenol	n/a	=	52	%	EPA 625.1	-88	-88	17	120	
2022/23-PRE	Lab	srgt method blank	9/2/2022	Organic	2-Fluorophenol	n/a	=	21.3	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/2/2022	Organic	2-Fluorophenol	n/a	=	53	%	EPA 625.1	-88	-88	17	120	
2022/23-PRE	Lab	srgt LCS	9/7/2022	Organic	2-Fluorophenol	n/a	=	18.8	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/7/2022	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625.1	-88	-88	17	120	
2022/23-PRE	Lab	srgt method blank	9/7/2022	Organic	2-Fluorophenol	n/a	=	18.6	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/7/2022	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625.1	-88	-88	17	120	
2022/23-PRE	Lab	srgt LCS	9/7/2022	Organic	2-Fluorophenol	n/a	=	19.8	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/7/2022	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625.1	-88	-88	17	120	
2022/23-PRE	Lab	srgt LCS dup	9/7/2022	Organic	2-Fluorophenol	n/a	=	20.3	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS dup, rec	9/7/2022	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625.1	-88	-88	17	120	
2022/23-PRE	Lab	srgt method blank	9/7/2022	Organic	2-Fluorophenol	n/a	=	20.3	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/7/2022	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625.1	-88	-88	17	120	
2022/23-PRE	Tubing Blank	srgt equip blank	9/1/2022	Organic	2-Fluorophenol	n/a	=	21.7	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Tubing Blank	srgt equip blank, rec	9/1/2022	Organic	2-Fluorophenol	n/a	=	52	%	EPA 625.1	-88	-88	17	120	
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	2-Nitrophenol	n/a	=	17.7	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	2-Nitrophenol	n/a	=	87	%	EPA 625.1	-88	-88	29	182	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	2-Nitrophenol	n/a	=	18.3	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	2-Nitrophenol	n/a	=	90	%	EPA 625.1	-88	-88	29	182	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	2-Nitrophenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	2-Nitrophenol	n/a	=	17.5	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	2-Nitrophenol	n/a	=	88	%	EPA 625.1	-88	-88	45	167	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	2-Nitrophenol	n/a	=	17.7	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	2-Nitrophenol	n/a	=	89	%	EPA 625.1	-88	-88	45	167	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	2-Nitrophenol	n/a	=	18.6	µg/L	EPA 625.1	0.26	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	2-Nitrophenol	n/a	=	93	%	EPA 625.1	-88	-88	45	167	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	2-Nitrophenol	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	2-Nitrophenol	n/a	=	17.3	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	2-Nitrophenol	n/a	=	87	%	EPA 625.1	-88	-88	45	167	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	2-Nitrophenol	n/a	=	18.9	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	2-Nitrophenol	n/a	=	94	%	EPA 625.1	-88	-88	45	167	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	2-Nitrophenol	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	3,3'-Dichlorobenzidine	n/a	DNQ	1.12	µg/L	EPA 625.1	0	5			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	6	%	EPA 625.1	-88	-88	0.1	262	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	3,3'-Dichlorobenzidine	n/a	DNQ	2.25	µg/L	EPA 625.1	0	5			IL
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	11	%	EPA 625.1	-88	-88	0.1	262	IL
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	200	%	EPA 625.1	-88	-88	0	30	IL
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	11.1	µg/L	EPA 625.1	2.5	5			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	56	%	EPA 625.1	-88	-88	8	213	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	10.7	µg/L	EPA 625.1	2.5	5			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	53	%	EPA 625.1	-88	-88	8	213	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	11.9	µg/L	EPA 625.1	2.5	5			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	60	%	EPA 625.1	-88	-88	8	213	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	9.69	µg/L	EPA 625.1	2.5	5			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	48	%	EPA 625.1	-88	-88	8	213	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	11.6	µg/L	EPA 625.1	2.5	5			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	58	%	EPA 625.1	-88	-88	8	213	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	3,3'-Dichlorobenzidine	n/a	=	18	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	19.6	µg/L	EPA 625.1	0.5	5			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	97	%	EPA 625.1	-88	-88	0.1	181	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	21.3	µg/L	EPA 625.1	0.5	5			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	105	%	EPA 625.1	-88	-88	0.1	181	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.8	µg/L	EPA 625.1	0.5	5			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	104	%	EPA 625.1	-88	-88	53	130	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.5	µg/L	EPA 625.1	0.5	5			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	102	%	EPA 625.1	-88	-88	53	130	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	21.8	µg/L	EPA 625.1	0.5	5			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	109	%	EPA 625.1	-88	-88	53	130	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	LCS	9/7/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	19	µg/L	EPA 625.1	0.5	5			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	95	%	EPA 625.1	-88	-88	53	130	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	20.3	µg/L	EPA 625.1	0.5	5			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	102	%	EPA 625.1	-88	-88	53	130	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	15.8	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	78	%	EPA 625.1	-88	-88	53	127	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	16.4	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	81	%	EPA 625.1	-88	-88	53	127	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	16.2	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	81	%	EPA 625.1	-88	-88	65	120	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	15.9	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	80	%	EPA 625.1	-88	-88	65	120	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	17.1	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	86	%	EPA 625.1	-88	-88	65	120	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	16	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	80	%	EPA 625.1	-88	-88	65	120	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	17	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	85	%	EPA 625.1	-88	-88	65	120	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	4-Bromophenyl phenyl ether	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	4-Chloro-3-methylphenol	n/a	=	15.3	µg/L	EPA 625.1	0.23	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	4-Chloro-3-methylphenol	n/a	=	76	%	EPA 625.1	-88	-88	22	147	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	4-Chloro-3-methylphenol	n/a	=	16	µg/L	EPA 625.1	0.23	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	4-Chloro-3-methylphenol	n/a	=	78	%	EPA 625.1	-88	-88	22	147	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	4-Chloro-3-methylphenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	4-Chloro-3-methylphenol	n/a	=	16.4	µg/L	EPA 625.1	0.23	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	4-Chloro-3-methylphenol	n/a	=	82	%	EPA 625.1	-88	-88	41	128	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	4-Chloro-3-methylphenol	n/a	=	16	µg/L	EPA 625.1	0.23	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	4-Chloro-3-methylphenol	n/a	=	80	%	EPA 625.1	-88	-88	41	128	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	4-Chloro-3-methylphenol	n/a	=	17.1	µg/L	EPA 625.1	0.23	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	4-Chloro-3-methylphenol	n/a	=	86	%	EPA 625.1	-88	-88	41	128	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	4-Chloro-3-methylphenol	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	4-Chloro-3-methylphenol	n/a	=	16	µg/L	EPA 625.1	0.23	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	4-Chloro-3-methylphenol	n/a	=	80	%	EPA 625.1	-88	-88	41	128	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	4-Chloro-3-methylphenol	n/a	=	17	µg/L	EPA 625.1	0.23	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	4-Chloro-3-methylphenol	n/a	=	85	%	EPA 625.1	-88	-88	41	128	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	4-Chloro-3-methylphenol	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	14.3	µg/L	EPA 625.1	0.41	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	71	%	EPA 625.1	-88	-88	25	158	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	14.4	µg/L	EPA 625.1	0.41	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	71	%	EPA 625.1	-88	-88	25	158	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	0.8	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	14.1	µg/L	EPA 625.1	0.41	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	71	%	EPA 625.1	-88	-88	38	145	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	13.9	µg/L	EPA 625.1	0.41	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	69	%	EPA 625.1	-88	-88	38	145	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	15	µg/L	EPA 625.1	0.41	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	75	%	EPA 625.1	-88	-88	38	145	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	14.3	µg/L	EPA 625.1	0.41	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	72	%	EPA 625.1	-88	-88	38	145	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	15.2	µg/L	EPA 625.1	0.41	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	76	%	EPA 625.1	-88	-88	38	145	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	4-Chlorophenyl phenyl ether	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	4-Nitrophenol	n/a	=	7.29	µg/L	EPA 625.1	1.2	5			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	4-Nitrophenol	n/a	=	36	%	EPA 625.1	-88	-88	0.1	132	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	4-Nitrophenol	n/a	=	8.04	µg/L	EPA 625.1	1.2	5			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	4-Nitrophenol	n/a	=	40	%	EPA 625.1	-88	-88	0.1	132	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	4-Nitrophenol	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	4-Nitrophenol	n/a	=	8.17	µg/L	EPA 625.1	1.2	5			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	4-Nitrophenol	n/a	=	41	%	EPA 625.1	-88	-88	13	129	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	4-Nitrophenol	n/a	=	8.42	µg/L	EPA 625.1	1.2	5			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	4-Nitrophenol	n/a	=	42	%	EPA 625.1	-88	-88	13	129	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	4-Nitrophenol	n/a	=	9	µg/L	EPA 625.1	1.2	5			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	4-Nitrophenol	n/a	=	45	%	EPA 625.1	-88	-88	13	129	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	4-Nitrophenol	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	4-Nitrophenol	n/a	=	7.96	µg/L	EPA 625.1	1.2	5			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	4-Nitrophenol	n/a	=	40	%	EPA 625.1	-88	-88	13	129	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	4-Nitrophenol	n/a	=	8.59	µg/L	EPA 625.1	1.2	5			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	4-Nitrophenol	n/a	=	43	%	EPA 625.1	-88	-88	13	129	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	4-Nitrophenol	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Acenaphthene	n/a	=	12.8	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Acenaphthene	n/a	=	63	%	EPA 625.1	-88	-88	47	145	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Acenaphthene	n/a	=	14.4	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Acenaphthene	n/a	=	71	%	EPA 625.1	-88	-88	47	145	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Acenaphthene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Acenaphthene	n/a	=	15.6	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Acenaphthene	n/a	=	78	%	EPA 625.1	-88	-88	60	132	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Acenaphthene	n/a	=	15.1	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Acenaphthene	n/a	=	75	%	EPA 625.1	-88	-88	60	132	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Acenaphthene	n/a	=	16.6	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Acenaphthene	n/a	=	83	%	EPA 625.1	-88	-88	60	132	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Acenaphthene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Acenaphthene	n/a	=	15.4	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Acenaphthene	n/a	=	77	%	EPA 625.1	-88	-88	60	132	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Acenaphthene	n/a	=	17	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Acenaphthene	n/a	=	85	%	EPA 625.1	-88	-88	60	132	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Acenaphthene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Acenaphthylene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Acenaphthylene	n/a	=	1.41	µg/L	EPA 625.1	0.35	1			GB
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Acenaphthylene	n/a	=	7	%	EPA 625.1	-88	-88	33	145	GB
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Acenaphthylene	n/a	=	3.85	µg/L	EPA 625.1	0.35	1			GB,IL
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Acenaphthylene	n/a	=	19	%	EPA 625.1	-88	-88	33	145	GB,IL
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Acenaphthylene	n/a	=	93	%	EPA 625.1	-88	-88	0	30	GB,IL
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Acenaphthylene	n/a	=	14.2	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Acenaphthylene	n/a	=	71	%	EPA 625.1	-88	-88	54	126	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Acenaphthylene	n/a	=	13.9	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Acenaphthylene	n/a	=	70	%	EPA 625.1	-88	-88	54	126	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Acenaphthylene	n/a	=	14.8	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Acenaphthylene	n/a	=	74	%	EPA 625.1	-88	-88	54	126	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Acenaphthylene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Acenaphthylene	n/a	=	13.9	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Acenaphthylene	n/a	=	69	%	EPA 625.1	-88	-88	54	126	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Acenaphthylene	n/a	=	14.9	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Acenaphthylene	n/a	=	75	%	EPA 625.1	-88	-88	54	126	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Acenaphthylene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Anthracene	n/a	=	3.54	µg/L	EPA 625.1	0.41	1			GB
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Anthracene	n/a	=	18	%	EPA 625.1	-88	-88	27	133	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	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Anthracene	n/a	=	6.93	µg/L	EPA 625.1	0.41	1			IL
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Anthracene	n/a	=	34	%	EPA 625.1	-88	-88	27	133	IL
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Anthracene	n/a	=	65	%	EPA 625.1	-88	-88	0	30	IL
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Anthracene	n/a	=	18.4	µg/L	EPA 625.1	0.41	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Anthracene	n/a	=	92	%	EPA 625.1	-88	-88	43	120	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Anthracene	n/a	=	16.3	µg/L	EPA 625.1	0.41	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Anthracene	n/a	=	81	%	EPA 625.1	-88	-88	43	120	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Anthracene	n/a	=	18.1	µg/L	EPA 625.1	0.41	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Anthracene	n/a	=	91	%	EPA 625.1	-88	-88	43	120	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Anthracene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Anthracene	n/a	=	16.1	µg/L	EPA 625.1	0.41	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Anthracene	n/a	=	81	%	EPA 625.1	-88	-88	43	120	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Anthracene	n/a	=	17.4	µg/L	EPA 625.1	0.41	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Anthracene	n/a	=	87	%	EPA 625.1	-88	-88	43	120	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Anthracene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Benz(a)anthracene	n/a	=	12.7	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Benz(a)anthracene	n/a	=	63	%	EPA 625.1	-88	-88	33	143	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Benz(a)anthracene	n/a	=	14.4	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Benz(a)anthracene	n/a	=	71	%	EPA 625.1	-88	-88	33	143	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Benz(a)anthracene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Benz(a)anthracene	n/a	=	18.1	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Benz(a)anthracene	n/a	=	90	%	EPA 625.1	-88	-88	42	133	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Benz(a)anthracene	n/a	=	19.3	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Benz(a)anthracene	n/a	=	96	%	EPA 625.1	-88	-88	42	133	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Benz(a)anthracene	n/a	=	20.4	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Benz(a)anthracene	n/a	=	102	%	EPA 625.1	-88	-88	42	133	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Benz(a)anthracene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Benz(a)anthracene	n/a	=	18.5	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Benz(a)anthracene	n/a	=	92	%	EPA 625.1	-88	-88	42	133	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Benz(a)anthracene	n/a	=	19.6	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Benz(a)anthracene	n/a	=	98	%	EPA 625.1	-88	-88	42	133	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Benz(a)anthracene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10			
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10			
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10			
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Benzo(a)pyrene	n/a	=	1	µg/L	EPA 625.1	0.39	1			GB
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Benzo(a)pyrene	n/a	=	5	%	EPA 625.1	-88	-88	17	163	GB
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Benzo(a)pyrene	n/a	DNQ	0.466	µg/L	EPA 625.1	0.39	1			GB,IL
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Benzo(a)pyrene	n/a	=	2	%	EPA 625.1	-88	-88	17	163	GB,IL
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Benzo(a)pyrene	n/a	=	73	%	EPA 625.1	-88	-88	0	30	GB,IL
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Benzo(a)pyrene	n/a	=	21.7	µg/L	EPA 625.1	0.39	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Benzo(a)pyrene	n/a	=	108	%	EPA 625.1	-88	-88	32	148	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Benzo(a)pyrene	n/a	=	23.4	µg/L	EPA 625.1	0.39	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Benzo(a)pyrene	n/a	=	117	%	EPA 625.1	-88	-88	32	148	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Benzo(a)pyrene	n/a	=	25.1	µg/L	EPA 625.1	0.39	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Benzo(a)pyrene	n/a	=	126	%	EPA 625.1	-88	-88	32	148	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Benzo(a)pyrene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2022/23-PRE	Lab	method blank	9/3/2022	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-PRE	Lab	LCS	9/3/2022	Organic	Benzo(a)pyrene	n/a	=	5.87	µg/L	EPA 525.2	0.02	0.1			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Organic	Benzo(a)pyrene	n/a	=	117	%	EPA 525.2	-88	-88	60	130	
2022/23-PRE	Lab	LCS dup	9/3/2022	Organic	Benzo(a)pyrene	n/a	=	5.25	µg/L	EPA 525.2	0.02	0.1			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Organic	Benzo(a)pyrene	n/a	=	105	%	EPA 525.2	-88	-88	60	130	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Organic	Benzo(a)pyrene	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Benzo(a)pyrene	n/a	=	23	µg/L	EPA 625.1	0.39	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Benzo(a)pyrene	n/a	=	115	%	EPA 625.1	-88	-88	32	148	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Benzo(a)pyrene	n/a	=	24.6	µg/L	EPA 625.1	0.39	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Benzo(a)pyrene	n/a	=	123	%	EPA 625.1	-88	-88	32	148	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Benzo(a)pyrene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1			
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Organic	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Benzo(b)fluoranthene	n/a	=	21.5	µg/L	EPA 625.1	0.46	1			AN-IP
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Benzo(b)fluoranthene	n/a	=	106	%	EPA 625.1	-88	-88	24	159	AN-IP
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Benzo(b)fluoranthene	n/a	=	22	µg/L	EPA 625.1	0.46	1			AN-IP
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Benzo(b)fluoranthene	n/a	=	108	%	EPA 625.1	-88	-88	24	159	AN-IP
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Benzo(b)fluoranthene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	AN-IP
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Benzo(b)fluoranthene	n/a	=	21.8	µg/L	EPA 625.1	0.46	1			AN-IP
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Benzo(b)fluoranthene	n/a	=	109	%	EPA 625.1	-88	-88	42	140	AN-IP
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Benzo(b)fluoranthene	n/a	=	23.5	µg/L	EPA 625.1	0.46	1			AN-IP
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Benzo(b)fluoranthene	n/a	=	118	%	EPA 625.1	-88	-88	42	140	AN-IP
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Benzo(b)fluoranthene	n/a	=	24.7	µg/L	EPA 625.1	0.46	1			AN-IP
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Benzo(b)fluoranthene	n/a	=	124	%	EPA 625.1	-88	-88	42	140	AN-IP
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Benzo(b)fluoranthene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	AN-IP
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Benzo(b)fluoranthene	n/a	=	22.6	µg/L	EPA 625.1	0.46	1			AN-IP
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Benzo(b)fluoranthene	n/a	=	113	%	EPA 625.1	-88	-88	42	140	AN-IP

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Benzo(b)fluoranthene	n/a	=	23.8	µg/L	EPA 625.1	0.46	1			AN-IP
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Benzo(b)fluoranthene	n/a	=	119	%	EPA 625.1	-88	-88	42	140	AN-IP
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Benzo(b)fluoranthene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	AN-IP
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Benzo(g,h,i)perylene	n/a	=	17.3	µg/L	EPA 625.1	0.42	2			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Benzo(g,h,i)perylene	n/a	=	86	%	EPA 625.1	-88	-88	0.1	219	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Benzo(g,h,i)perylene	n/a	=	19.3	µg/L	EPA 625.1	0.42	2			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Benzo(g,h,i)perylene	n/a	=	95	%	EPA 625.1	-88	-88	0.1	219	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Benzo(g,h,i)perylene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Benzo(g,h,i)perylene	n/a	=	21.6	µg/L	EPA 625.1	0.42	2			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Benzo(g,h,i)perylene	n/a	=	108	%	EPA 625.1	-88	-88	0.1	195	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Benzo(g,h,i)perylene	n/a	=	22.2	µg/L	EPA 625.1	0.42	2			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Benzo(g,h,i)perylene	n/a	=	111	%	EPA 625.1	-88	-88	0.1	195	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Benzo(g,h,i)perylene	n/a	=	24.4	µg/L	EPA 625.1	0.42	2			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Benzo(g,h,i)perylene	n/a	=	122	%	EPA 625.1	-88	-88	0.1	195	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Benzo(g,h,i)perylene	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Benzo(g,h,i)perylene	n/a	=	22	µg/L	EPA 625.1	0.42	2			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Benzo(g,h,i)perylene	n/a	=	110	%	EPA 625.1	-88	-88	0.1	195	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Benzo(g,h,i)perylene	n/a	=	21.7	µg/L	EPA 625.1	0.42	2			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Benzo(g,h,i)perylene	n/a	=	109	%	EPA 625.1	-88	-88	0.1	195	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Benzo(g,h,i)perylene	n/a	=	22.3	µg/L	EPA 625.1	0.42	2			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Benzo(g,h,i)perylene	n/a	=	112	%	EPA 625.1	-88	-88	0.1	195	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Benzo(g,h,i)perylene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Benzo(k)fluoranthene	n/a	=	19.1	µg/L	EPA 625.1	0.22	1			AN-IP
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Benzo(k)fluoranthene	n/a	=	95	%	EPA 625.1	-88	-88	11	162	AN-IP
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Benzo(k)fluoranthene	n/a	=	18.7	µg/L	EPA 625.1	0.22	1			AN-IP
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Benzo(k)fluoranthene	n/a	=	92	%	EPA 625.1	-88	-88	11	162	AN-IP
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Benzo(k)fluoranthene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	AN-IP
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Benzo(k)fluoranthene	n/a	=	19.2	µg/L	EPA 625.1	0.22	1			AN-IP
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Benzo(k)fluoranthene	n/a	=	96	%	EPA 625.1	-88	-88	25	146	AN-IP
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Benzo(k)fluoranthene	n/a	=	20.4	µg/L	EPA 625.1	0.22	1			AN-IP
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Benzo(k)fluoranthene	n/a	=	102	%	EPA 625.1	-88	-88	25	146	AN-IP
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Benzo(k)fluoranthene	n/a	=	22.1	µg/L	EPA 625.1	0.22	1			AN-IP
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Benzo(k)fluoranthene	n/a	=	110	%	EPA 625.1	-88	-88	25	146	AN-IP
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Benzo(k)fluoranthene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	AN-IP
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Benzo(k)fluoranthene	n/a	=	20.6	µg/L	EPA 625.1	0.22	1			AN-IP
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Benzo(k)fluoranthene	n/a	=	103	%	EPA 625.1	-88	-88	25	146	AN-IP

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Benzo(k)fluoranthene	n/a	=	21.9	µg/L	EPA 625.1	0.22	1			AN-IP
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Benzo(k)fluoranthene	n/a	=	109	%	EPA 625.1	-88	-88	25	146	AN-IP
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Benzo(k)fluoranthene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	AN-IP
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	15	µg/L	EPA 625.1	0.25	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	74	%	EPA 625.1	-88	-88	33	184	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	15.6	µg/L	EPA 625.1	0.25	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	77	%	EPA 625.1	-88	-88	33	184	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	15	µg/L	EPA 625.1	0.25	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	75	%	EPA 625.1	-88	-88	49	165	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	14.2	µg/L	EPA 625.1	0.25	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	71	%	EPA 625.1	-88	-88	49	165	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	15.2	µg/L	EPA 625.1	0.25	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	76	%	EPA 625.1	-88	-88	49	165	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	14.9	µg/L	EPA 625.1	0.25	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	74	%	EPA 625.1	-88	-88	49	165	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	15.5	µg/L	EPA 625.1	0.25	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	78	%	EPA 625.1	-88	-88	49	165	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Bis(2-chloroethoxy)methane	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	13.7	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	68	%	EPA 625.1	-88	-88	12	158	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	14.2	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	70	%	EPA 625.1	-88	-88	12	158	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	13.4	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	67	%	EPA 625.1	-88	-88	43	126	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	13.5	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	67	%	EPA 625.1	-88	-88	43	126	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	14.2	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	71	%	EPA 625.1	-88	-88	43	126	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	13.8	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	69	%	EPA 625.1	-88	-88	43	126	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	14.6	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	73	%	EPA 625.1	-88	-88	43	126	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Bis(2-chloroethyl)ether	n/a	=	6	%	EPA 625.1	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	15.6	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	77	%	EPA 625.1	-88	-88	36	166	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	16.4	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	81	%	EPA 625.1	-88	-88	36	166	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	15.1	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	75	%	EPA 625.1	-88	-88	63	139	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	15	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	75	%	EPA 625.1	-88	-88	63	139	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	16.3	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	81	%	EPA 625.1	-88	-88	63	139	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	15.6	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	78	%	EPA 625.1	-88	-88	63	139	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	16.5	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	82	%	EPA 625.1	-88	-88	63	139	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1			
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5			
2022/23-PRE	Lab	method blank	9/3/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5			
2022/23-PRE	Lab	LCS	9/3/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.38	µg/L	EPA 525.2	0.42	5			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	108	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS dup	9/3/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.83	µg/L	EPA 525.2	0.42	5			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	20.8	µg/L	EPA 625.1	2.3	5			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	103	%	EPA 625.1	-88	-88	8	158	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	20.9	µg/L	EPA 625.1	2.3	5			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	103	%	EPA 625.1	-88	-88	8	158	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.1	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	60.1	µg/L	EPA 625.1	4.6	10			EUM
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	301	%	EPA 625.1	-88	-88	29	137	EUM
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	22.4	µg/L	EPA 625.1	2.3	5			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	112	%	EPA 625.1	-88	-88	29	137	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	24.4	µg/L	EPA 625.1	2.3	5			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	122	%	EPA 625.1	-88	-88	29	137	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	8	%	EPA 625.1	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2022/23-PRE	Lab	method blank	9/3/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2022/23-PRE	Lab	LCS	9/3/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.57	µg/L	EPA 525.2	0.41	3			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS dup	9/3/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.08	µg/L	EPA 525.2	0.41	3			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	21.3	µg/L	EPA 625.1	2.3	5			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	107	%	EPA 625.1	-88	-88	29	137	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	22.9	µg/L	EPA 625.1	2.3	5			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	114	%	EPA 625.1	-88	-88	29	137	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5			
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Butyl benzyl phthalate	n/a	=	20.4	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Butyl benzyl phthalate	n/a	=	101	%	EPA 625.1	-88	-88	0.1	152	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Butyl benzyl phthalate	n/a	=	20	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Butyl benzyl phthalate	n/a	=	98	%	EPA 625.1	-88	-88	0.1	152	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Butyl benzyl phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Butyl benzyl phthalate	n/a	DNQ	0.63	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Butyl benzyl phthalate	n/a	=	20.9	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Butyl benzyl phthalate	n/a	=	104	%	EPA 625.1	-88	-88	0.1	140	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Butyl benzyl phthalate	n/a	=	21.2	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Butyl benzyl phthalate	n/a	=	106	%	EPA 625.1	-88	-88	0.1	140	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Butyl benzyl phthalate	n/a	=	22.9	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Butyl benzyl phthalate	n/a	=	114	%	EPA 625.1	-88	-88	0.1	140	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Butyl benzyl phthalate	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Butyl benzyl phthalate	n/a	=	20.3	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Butyl benzyl phthalate	n/a	=	101	%	EPA 625.1	-88	-88	0.1	140	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Butyl benzyl phthalate	n/a	=	21.7	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Butyl benzyl phthalate	n/a	=	108	%	EPA 625.1	-88	-88	0.1	140	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Butyl benzyl phthalate	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Chrysene	n/a	=	18	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Chrysene	n/a	=	89	%	EPA 625.1	-88	-88	17	168	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Chrysene	n/a	=	18.5	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Chrysene	n/a	=	91	%	EPA 625.1	-88	-88	17	168	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Chrysene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Chrysene	n/a	=	18.7	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Chrysene	n/a	=	94	%	EPA 625.1	-88	-88	44	140	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Chrysene	n/a	=	18	µg/L	EPA 625.1	0.19	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Chrysene	n/a	=	90	%	EPA 625.1	-88	-88	44	140	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Chrysene	n/a	=	19.5	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Chrysene	n/a	=	97	%	EPA 625.1	-88	-88	44	140	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Chrysene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Chrysene	n/a	=	18.1	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Chrysene	n/a	=	90	%	EPA 625.1	-88	-88	44	140	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Chrysene	n/a	=	19.3	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Chrysene	n/a	=	97	%	EPA 625.1	-88	-88	44	140	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Chrysene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Dibenz(a,h)anthracene	n/a	=	19.2	µg/L	EPA 625.1	0.15	2			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Dibenz(a,h)anthracene	n/a	=	95	%	EPA 625.1	-88	-88	0.1	227	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Dibenz(a,h)anthracene	n/a	=	20.4	µg/L	EPA 625.1	0.15	2			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Dibenz(a,h)anthracene	n/a	=	100	%	EPA 625.1	-88	-88	0.1	227	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Dibenz(a,h)anthracene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Dibenz(a,h)anthracene	n/a	=	19.7	µg/L	EPA 625.1	0.15	2			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Dibenz(a,h)anthracene	n/a	=	98	%	EPA 625.1	-88	-88	0.1	200	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Dibenz(a,h)anthracene	n/a	=	21.1	µg/L	EPA 625.1	0.15	2			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Dibenz(a,h)anthracene	n/a	=	106	%	EPA 625.1	-88	-88	0.1	200	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Dibenz(a,h)anthracene	n/a	=	22.9	µg/L	EPA 625.1	0.15	2			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Dibenz(a,h)anthracene	n/a	=	114	%	EPA 625.1	-88	-88	0.1	200	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Dibenz(a,h)anthracene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Dibenz(a,h)anthracene	n/a	=	21.1	µg/L	EPA 625.1	0.15	2			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Dibenz(a,h)anthracene	n/a	=	106	%	EPA 625.1	-88	-88	0.1	200	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Dibenz(a,h)anthracene	n/a	=	20.3	µg/L	EPA 625.1	0.15	2			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Dibenz(a,h)anthracene	n/a	=	101	%	EPA 625.1	-88	-88	0.1	200	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Dibenz(a,h)anthracene	n/a	=	21.5	µg/L	EPA 625.1	0.15	2			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Dibenz(a,h)anthracene	n/a	=	107	%	EPA 625.1	-88	-88	0.1	200	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Dibenz(a,h)anthracene	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Diethyl phthalate	n/a	=	16.3	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Diethyl phthalate	n/a	=	81	%	EPA 625.1	-88	-88	0.1	120	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Diethyl phthalate	n/a	=	16.2	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Diethyl phthalate	n/a	=	80	%	EPA 625.1	-88	-88	0.1	120	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Diethyl phthalate	n/a	=	0.4	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Diethyl phthalate	n/a	=	16.6	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Diethyl phthalate	n/a	=	83	%	EPA 625.1	-88	-88	0.1	120	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Diethyl phthalate	n/a	=	16	µg/L	EPA 625.1	0.35	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Diethyl phthalate	n/a	=	80	%	EPA 625.1	-88	-88	0.1	120	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Diethyl phthalate	n/a	=	17.1	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Diethyl phthalate	n/a	=	86	%	EPA 625.1	-88	-88	0.1	120	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Diethyl phthalate	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Diethyl phthalate	n/a	=	16.1	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Diethyl phthalate	n/a	=	81	%	EPA 625.1	-88	-88	0.1	120	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Diethyl phthalate	n/a	=	16.6	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Diethyl phthalate	n/a	=	83	%	EPA 625.1	-88	-88	0.1	120	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Diethyl phthalate	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Dimethyl phthalate	n/a	=	15.2	µg/L	EPA 625.1	0.18	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Dimethyl phthalate	n/a	=	75	%	EPA 625.1	-88	-88	0.1	120	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Dimethyl phthalate	n/a	=	15.5	µg/L	EPA 625.1	0.18	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Dimethyl phthalate	n/a	=	76	%	EPA 625.1	-88	-88	0.1	120	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Dimethyl phthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Dimethyl phthalate	n/a	=	15.8	µg/L	EPA 625.1	0.18	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Dimethyl phthalate	n/a	=	79	%	EPA 625.1	-88	-88	0.1	120	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Dimethyl phthalate	n/a	=	15.4	µg/L	EPA 625.1	0.18	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Dimethyl phthalate	n/a	=	77	%	EPA 625.1	-88	-88	0.1	120	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Dimethyl phthalate	n/a	=	16.2	µg/L	EPA 625.1	0.18	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Dimethyl phthalate	n/a	=	81	%	EPA 625.1	-88	-88	0.1	120	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Dimethyl phthalate	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Dimethyl phthalate	n/a	=	15	µg/L	EPA 625.1	0.18	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Dimethyl phthalate	n/a	=	75	%	EPA 625.1	-88	-88	0.1	120	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Dimethyl phthalate	n/a	=	16.1	µg/L	EPA 625.1	0.18	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Dimethyl phthalate	n/a	=	81	%	EPA 625.1	-88	-88	0.1	120	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Dimethyl phthalate	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Di-n-butylphthalate	n/a	=	18.2	µg/L	EPA 625.1	0.34	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Di-n-butylphthalate	n/a	=	90	%	EPA 625.1	-88	-88	1	120	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Di-n-butylphthalate	n/a	=	19.5	µg/L	EPA 625.1	0.34	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Di-n-butylphthalate	n/a	=	96	%	EPA 625.1	-88	-88	1	120	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Di-n-butylphthalate	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Di-n-butylphthalate	n/a	=	20	µg/L	EPA 625.1	0.34	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Di-n-butylphthalate	n/a	=	100	%	EPA 625.1	-88	-88	8	120	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Di-n-butylphthalate	n/a	=	19.1	µg/L	EPA 625.1	0.34	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Di-n-butylphthalate	n/a	=	95	%	EPA 625.1	-88	-88	8	120	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Di-n-butylphthalate	n/a	=	20.6	µg/L	EPA 625.1	0.34	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Di-n-butylphthalate	n/a	=	103	%	EPA 625.1	-88	-88	8	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	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Di-n-butylphthalate	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Di-n-butylphthalate	n/a	=	18	µg/L	EPA 625.1	0.34	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Di-n-butylphthalate	n/a	=	90	%	EPA 625.1	-88	-88	8	120	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Di-n-butylphthalate	n/a	=	19.7	µg/L	EPA 625.1	0.34	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Di-n-butylphthalate	n/a	=	99	%	EPA 625.1	-88	-88	8	120	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Di-n-butylphthalate	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Di-n-octylphthalate	n/a	=	21.8	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Di-n-octylphthalate	n/a	=	108	%	EPA 625.1	-88	-88	4	146	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Di-n-octylphthalate	n/a	=	22.3	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Di-n-octylphthalate	n/a	=	110	%	EPA 625.1	-88	-88	4	146	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Di-n-octylphthalate	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Di-n-octylphthalate	n/a	=	22.5	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Di-n-octylphthalate	n/a	=	113	%	EPA 625.1	-88	-88	19	132	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Di-n-octylphthalate	n/a	=	22.8	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Di-n-octylphthalate	n/a	=	114	%	EPA 625.1	-88	-88	19	132	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Di-n-octylphthalate	n/a	=	24.3	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Di-n-octylphthalate	n/a	=	121	%	EPA 625.1	-88	-88	19	132	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Di-n-octylphthalate	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Di-n-octylphthalate	n/a	=	21.9	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Di-n-octylphthalate	n/a	=	110	%	EPA 625.1	-88	-88	19	132	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Di-n-octylphthalate	n/a	=	23.3	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Di-n-octylphthalate	n/a	=	116	%	EPA 625.1	-88	-88	19	132	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Di-n-octylphthalate	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Fluoranthene	n/a	=	25	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Fluoranthene	n/a	=	124	%	EPA 625.1	-88	-88	26	137	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Fluoranthene	n/a	=	25.8	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Fluoranthene	n/a	=	127	%	EPA 625.1	-88	-88	26	137	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Fluoranthene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Fluoranthene	n/a	=	27	µg/L	EPA 625.1	0.35	1			EUM
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Fluoranthene	n/a	=	135	%	EPA 625.1	-88	-88	43	121	EUM
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Fluoranthene	n/a	=	25	µg/L	EPA 625.1	0.35	1			EUM
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Fluoranthene	n/a	=	125	%	EPA 625.1	-88	-88	43	121	EUM
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Fluoranthene	n/a	=	28.3	µg/L	EPA 625.1	0.35	1			EUM
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Fluoranthene	n/a	=	142	%	EPA 625.1	-88	-88	43	121	EUM
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Fluoranthene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	EUM
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Fluoranthene	n/a	=	24.1	µg/L	EPA 625.1	0.35	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Fluoranthene	n/a	=	120	%	EPA 625.1	-88	-88	43	121	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Fluoranthene	n/a	=	26.4	µg/L	EPA 625.1	0.35	1			EUM
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Fluoranthene	n/a	=	132	%	EPA 625.1	-88	-88	43	121	EUM
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Fluoranthene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	EUM
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Fluorene	n/a	=	15.8	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Fluorene	n/a	=	78	%	EPA 625.1	-88	-88	59	121	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Fluorene	n/a	=	16.1	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Fluorene	n/a	=	79	%	EPA 625.1	-88	-88	59	121	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Fluorene	n/a	=	1	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Fluorene	n/a	=	16	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Fluorene	n/a	=	80	%	EPA 625.1	-88	-88	70	120	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Fluorene	n/a	=	15.6	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Fluorene	n/a	=	78	%	EPA 625.1	-88	-88	70	120	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Fluorene	n/a	=	16.4	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Fluorene	n/a	=	82	%	EPA 625.1	-88	-88	70	120	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Fluorene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Fluorene	n/a	=	15.8	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Fluorene	n/a	=	79	%	EPA 625.1	-88	-88	70	120	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Fluorene	n/a	=	16.6	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Fluorene	n/a	=	83	%	EPA 625.1	-88	-88	70	120	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Fluorene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Hexachlorobenzene	n/a	=	15.5	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Hexachlorobenzene	n/a	=	77	%	EPA 625.1	-88	-88	0.1	152	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Hexachlorobenzene	n/a	=	16.7	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Hexachlorobenzene	n/a	=	82	%	EPA 625.1	-88	-88	0.1	152	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Hexachlorobenzene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Hexachlorobenzene	n/a	=	16.8	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Hexachlorobenzene	n/a	=	84	%	EPA 625.1	-88	-88	8	142	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Hexachlorobenzene	n/a	=	16.4	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Hexachlorobenzene	n/a	=	82	%	EPA 625.1	-88	-88	8	142	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Hexachlorobenzene	n/a	=	17.6	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Hexachlorobenzene	n/a	=	88	%	EPA 625.1	-88	-88	8	142	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Hexachlorobenzene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Hexachlorobenzene	n/a	=	16.4	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Hexachlorobenzene	n/a	=	82	%	EPA 625.1	-88	-88	8	142	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Hexachlorobenzene	n/a	=	17.3	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Hexachlorobenzene	n/a	=	86	%	EPA 625.1	-88	-88	8	142	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Hexachlorobenzene	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Hexachlorobutadiene	n/a	=	14.6	µg/L	EPA 625.1	0.47	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Hexachlorobutadiene	n/a	=	72	%	EPA 625.1	-88	-88	24	120	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Hexachlorobutadiene	n/a	=	15.2	µg/L	EPA 625.1	0.47	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Hexachlorobutadiene	n/a	=	74	%	EPA 625.1	-88	-88	24	120	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Hexachlorobutadiene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Hexachlorobutadiene	n/a	=	14.7	µg/L	EPA 625.1	0.47	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Hexachlorobutadiene	n/a	=	74	%	EPA 625.1	-88	-88	38	120	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Hexachlorobutadiene	n/a	=	14.5	µg/L	EPA 625.1	0.47	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Hexachlorobutadiene	n/a	=	72	%	EPA 625.1	-88	-88	38	120	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Hexachlorobutadiene	n/a	=	15.5	µg/L	EPA 625.1	0.47	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Hexachlorobutadiene	n/a	=	77	%	EPA 625.1	-88	-88	38	120	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Hexachlorobutadiene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Hexachlorobutadiene	n/a	=	14.3	µg/L	EPA 625.1	0.47	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Hexachlorobutadiene	n/a	=	71	%	EPA 625.1	-88	-88	38	120	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Hexachlorobutadiene	n/a	=	15.6	µg/L	EPA 625.1	0.47	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Hexachlorobutadiene	n/a	=	78	%	EPA 625.1	-88	-88	38	120	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Hexachlorobutadiene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Hexachlorocyclopentadiene	n/a	=	10.2	µg/L	EPA 625.1	0.31	5			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Hexachlorocyclopentadiene	n/a	=	51	%	EPA 625.1	-88	-88	10	120	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Hexachlorocyclopentadiene	n/a	=	11.1	µg/L	EPA 625.1	0.31	5			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Hexachlorocyclopentadiene	n/a	=	54	%	EPA 625.1	-88	-88	10	120	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Hexachlorocyclopentadiene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Hexachlorocyclopentadiene	n/a	=	8.92	µg/L	EPA 625.1	0.31	5			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Hexachlorocyclopentadiene	n/a	=	45	%	EPA 625.1	-88	-88	10	120	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Hexachlorocyclopentadiene	n/a	=	8.98	µg/L	EPA 625.1	0.31	5			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Hexachlorocyclopentadiene	n/a	=	45	%	EPA 625.1	-88	-88	10	120	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Hexachlorocyclopentadiene	n/a	=	10.4	µg/L	EPA 625.1	0.31	5			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Hexachlorocyclopentadiene	n/a	=	52	%	EPA 625.1	-88	-88	10	120	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Hexachlorocyclopentadiene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5			
2022/23-PRE	Lab	method blank	9/3/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2022/23-PRE	Lab	LCS	9/3/2022	Organic	Hexachlorocyclopentadiene	n/a	=	2.15	µg/L	EPA 525.2	0.092	1			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Organic	Hexachlorocyclopentadiene	n/a	=	86	%	EPA 525.2	-88	-88	33	106	
2022/23-PRE	Lab	LCS dup	9/3/2022	Organic	Hexachlorocyclopentadiene	n/a	=	1.99	µg/L	EPA 525.2	0.092	1			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Organic	Hexachlorocyclopentadiene	n/a	=	79	%	EPA 525.2	-88	-88	33	106	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Organic	Hexachlorocyclopentadiene	n/a	=	8	%	EPA 525.2	-88	-88	0	30	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Hexachlorocyclopentadiene	n/a	=	7.88	µg/L	EPA 625.1	0.31	5			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Hexachlorocyclopentadiene	n/a	=	39	%	EPA 625.1	-88	-88	10	120	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Hexachlorocyclopentadiene	n/a	=	9.05	µg/L	EPA 625.1	0.31	5			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Hexachlorocyclopentadiene	n/a	=	45	%	EPA 625.1	-88	-88	10	120	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Hexachlorocyclopentadiene	n/a	=	14	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5			
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Organic	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Hexachloroethane	n/a	=	14.8	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Hexachloroethane	n/a	=	73	%	EPA 625.1	-88	-88	40	120	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Hexachloroethane	n/a	=	15.2	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Hexachloroethane	n/a	=	74	%	EPA 625.1	-88	-88	40	120	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Hexachloroethane	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Hexachloroethane	n/a	=	14.4	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Hexachloroethane	n/a	=	72	%	EPA 625.1	-88	-88	55	120	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Hexachloroethane	n/a	=	13.7	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Hexachloroethane	n/a	=	68	%	EPA 625.1	-88	-88	55	120	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Hexachloroethane	n/a	=	15	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Hexachloroethane	n/a	=	75	%	EPA 625.1	-88	-88	55	120	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Hexachloroethane	n/a	=	9	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Hexachloroethane	n/a	=	13.7	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Hexachloroethane	n/a	=	68	%	EPA 625.1	-88	-88	55	120	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Hexachloroethane	n/a	=	15.2	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Hexachloroethane	n/a	=	76	%	EPA 625.1	-88	-88	55	120	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Hexachloroethane	n/a	=	10	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	19.4	µg/L	EPA 625.1	0.25	2			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	96	%	EPA 625.1	-88	-88	0.1	171	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	19.8	µg/L	EPA 625.1	0.25	2			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	98	%	EPA 625.1	-88	-88	0.1	171	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	2	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	19	µg/L	EPA 625.1	0.25	2			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	95	%	EPA 625.1	-88	-88	0.1	151	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	20.8	µg/L	EPA 625.1	0.25	2			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	104	%	EPA 625.1	-88	-88	0.1	151	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	22.4	µg/L	EPA 625.1	0.25	2			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	112	%	EPA 625.1	-88	-88	0.1	151	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	8	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	20.8	µg/L	EPA 625.1	0.25	2			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	104	%	EPA 625.1	-88	-88	0.1	151	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	20.2	µg/L	EPA 625.1	0.25	2			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	101	%	EPA 625.1	-88	-88	0.1	151	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	21	µg/L	EPA 625.1	0.25	2			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	105	%	EPA 625.1	-88	-88	0.1	151	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Isophorone	n/a	=	13.2	µg/L	EPA 625.1	0.21	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Isophorone	n/a	=	65	%	EPA 625.1	-88	-88	21	196	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Isophorone	n/a	=	13.7	µg/L	EPA 625.1	0.21	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Isophorone	n/a	=	67	%	EPA 625.1	-88	-88	21	196	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Isophorone	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Isophorone	n/a	=	13.2	µg/L	EPA 625.1	0.21	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Isophorone	n/a	=	66	%	EPA 625.1	-88	-88	47	180	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Isophorone	n/a	=	13	µg/L	EPA 625.1	0.21	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Isophorone	n/a	=	65	%	EPA 625.1	-88	-88	47	180	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Isophorone	n/a	=	13.7	µg/L	EPA 625.1	0.21	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Isophorone	n/a	=	69	%	EPA 625.1	-88	-88	47	180	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Isophorone	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Isophorone	n/a	=	13.1	µg/L	EPA 625.1	0.21	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Isophorone	n/a	=	66	%	EPA 625.1	-88	-88	47	180	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Isophorone	n/a	=	14	µg/L	EPA 625.1	0.21	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Isophorone	n/a	=	70	%	EPA 625.1	-88	-88	47	180	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Isophorone	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Naphthalene	n/a	=	14	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Naphthalene	n/a	=	69	%	EPA 625.1	-88	-88	21	133	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Naphthalene	n/a	=	14.5	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Naphthalene	n/a	=	71	%	EPA 625.1	-88	-88	21	133	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Naphthalene	n/a	=	3	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Naphthalene	n/a	=	14	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Naphthalene	n/a	=	70	%	EPA 625.1	-88	-88	36	120	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Naphthalene	n/a	=	14	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Naphthalene	n/a	=	70	%	EPA 625.1	-88	-88	36	120	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Naphthalene	n/a	=	15.7	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Naphthalene	n/a	=	78	%	EPA 625.1	-88	-88	36	120	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Naphthalene	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Naphthalene	n/a	=	13.9	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Naphthalene	n/a	=	69	%	EPA 625.1	-88	-88	36	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	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Naphthalene	n/a	=	15.6	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Naphthalene	n/a	=	78	%	EPA 625.1	-88	-88	36	120	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Naphthalene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Nitrobenzene	n/a	=	16.7	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Nitrobenzene	n/a	=	82	%	EPA 625.1	-88	-88	35	180	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Nitrobenzene	n/a	=	16.5	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Nitrobenzene	n/a	=	81	%	EPA 625.1	-88	-88	35	180	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Nitrobenzene	n/a	=	0.8	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Nitrobenzene	n/a	=	15.7	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Nitrobenzene	n/a	=	79	%	EPA 625.1	-88	-88	54	158	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Nitrobenzene	n/a	=	15.5	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Nitrobenzene	n/a	=	77	%	EPA 625.1	-88	-88	54	158	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Nitrobenzene	n/a	=	16.5	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Nitrobenzene	n/a	=	83	%	EPA 625.1	-88	-88	54	158	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Nitrobenzene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Nitrobenzene	n/a	=	15.6	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Nitrobenzene	n/a	=	78	%	EPA 625.1	-88	-88	54	158	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Nitrobenzene	n/a	=	16.2	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Nitrobenzene	n/a	=	81	%	EPA 625.1	-88	-88	54	158	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Nitrobenzene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1			
2022/23-PRE	000NONPJ	srgt matrix spike	9/1/2022	Organic	Nitrobenzene-d5	n/a	=	16.5	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	000NONPJ	srgt matrix spike, rec	9/1/2022	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 625.1	-88	-88	47	120	
2022/23-PRE	000NONPJ	srgt matrix spike dup	9/1/2022	Organic	Nitrobenzene-d5	n/a	=	17.3	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	000NONPJ	srgt matrix spike dup, rec	9/1/2022	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 625.1	-88	-88	47	120	
2022/23-PRE	Carboy Blank	srgt equip blank	9/7/2022	Organic	Nitrobenzene-d5	n/a	=	16.9	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Carboy Blank	srgt equip blank, rec	9/7/2022	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 625.1	-88	-88	47	120	
2022/23-PRE	Lab	srgt LCS	9/1/2022	Organic	Nitrobenzene-d5	n/a	=	16.5	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/1/2022	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 625.1	-88	-88	47	120	
2022/23-PRE	Lab	srgt method blank	9/1/2022	Organic	Nitrobenzene-d5	n/a	=	15.7	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/1/2022	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 625.1	-88	-88	47	120	
2022/23-PRE	Lab	srgt LCS	9/2/2022	Organic	Nitrobenzene-d5	n/a	=	16.7	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/2/2022	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 625.1	-88	-88	47	120	
2022/23-PRE	Lab	srgt LCS dup	9/2/2022	Organic	Nitrobenzene-d5	n/a	=	17.4	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS dup, rec	9/2/2022	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 625.1	-88	-88	47	120	
2022/23-PRE	Lab	srgt method blank	9/2/2022	Organic	Nitrobenzene-d5	n/a	=	16.6	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/2/2022	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 625.1	-88	-88	47	120	
2022/23-PRE	Lab	srgt LCS	9/7/2022	Organic	Nitrobenzene-d5	n/a	=	16	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/7/2022	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625.1	-88	-88	47	120	
2022/23-PRE	Lab	srgt method blank	9/7/2022	Organic	Nitrobenzene-d5	n/a	=	15.2	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/7/2022	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 625.1	-88	-88	47	120	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	srgt LCS	9/7/2022	Organic	Nitrobenzene-d5	n/a	=	16.8	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/7/2022	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 625.1	-88	-88	47	120	
2022/23-PRE	Lab	srgt LCS dup	9/7/2022	Organic	Nitrobenzene-d5	n/a	=	17.7	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS dup, rec	9/7/2022	Organic	Nitrobenzene-d5	n/a	=	89	%	EPA 625.1	-88	-88	47	120	
2022/23-PRE	Lab	srgt method blank	9/7/2022	Organic	Nitrobenzene-d5	n/a	=	17.1	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/7/2022	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 625.1	-88	-88	47	120	
2022/23-PRE	Tubing Blank	srgt equip blank	9/1/2022	Organic	Nitrobenzene-d5	n/a	=	18.7	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Tubing Blank	srgt equip blank, rec	9/1/2022	Organic	Nitrobenzene-d5	n/a	=	89	%	EPA 625.1	-88	-88	47	120	
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	N-Nitrosodimethylamine	n/a	=	9.43	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	N-Nitrosodimethylamine	n/a	=	47	%	EPA 625.1	-88	-88	18	120	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	N-Nitrosodimethylamine	n/a	=	10	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	N-Nitrosodimethylamine	n/a	=	49	%	EPA 625.1	-88	-88	18	120	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	N-Nitrosodimethylamine	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	N-Nitrosodimethylamine	n/a	=	9.19	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	N-Nitrosodimethylamine	n/a	=	46	%	EPA 625.1	-88	-88	22	120	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	N-Nitrosodimethylamine	n/a	=	9.72	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	N-Nitrosodimethylamine	n/a	=	49	%	EPA 625.1	-88	-88	22	120	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	N-Nitrosodimethylamine	n/a	=	10.2	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	N-Nitrosodimethylamine	n/a	=	51	%	EPA 625.1	-88	-88	22	120	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	N-Nitrosodimethylamine	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	N-Nitrosodimethylamine	n/a	=	9.22	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	N-Nitrosodimethylamine	n/a	=	46	%	EPA 625.1	-88	-88	22	120	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	N-Nitrosodimethylamine	n/a	=	9.57	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	N-Nitrosodimethylamine	n/a	=	48	%	EPA 625.1	-88	-88	22	120	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	N-Nitrosodimethylamine	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	17	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	84	%	EPA 625.1	-88	-88	49	120	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	17.7	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	87	%	EPA 625.1	-88	-88	49	120	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	17	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	85	%	EPA 625.1	-88	-88	14	198	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	16.3	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	82	%	EPA 625.1	-88	-88	14	198	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	17.5	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	87	%	EPA 625.1	-88	-88	14	198	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	16.6	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	83	%	EPA 625.1	-88	-88	14	198	

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	17.5	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	87	%	EPA 625.1	-88	-88	14	198	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	N-Nitrosodi-N-propylamine	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	N-Nitrosodiphenylamine	n/a	=	1.15	µg/L	EPA 625.1	0.19	1			GB
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	N-Nitrosodiphenylamine	n/a	=	6	%	EPA 625.1	-88	-88	49	120	GB
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	N-Nitrosodiphenylamine	n/a	DNQ	0.935	µg/L	EPA 625.1	0.19	1			GB
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	N-Nitrosodiphenylamine	n/a	=	5	%	EPA 625.1	-88	-88	49	120	GB
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	N-Nitrosodiphenylamine	n/a	=	21	%	EPA 625.1	-88	-88	0	30	GB
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	N-Nitrosodiphenylamine	n/a	=	13.3	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	N-Nitrosodiphenylamine	n/a	=	66	%	EPA 625.1	-88	-88	47	120	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	N-Nitrosodiphenylamine	n/a	=	12.9	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	N-Nitrosodiphenylamine	n/a	=	65	%	EPA 625.1	-88	-88	47	120	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	N-Nitrosodiphenylamine	n/a	=	14.4	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	N-Nitrosodiphenylamine	n/a	=	72	%	EPA 625.1	-88	-88	47	120	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	N-Nitrosodiphenylamine	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	N-Nitrosodiphenylamine	n/a	=	13.4	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	N-Nitrosodiphenylamine	n/a	=	67	%	EPA 625.1	-88	-88	47	120	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	N-Nitrosodiphenylamine	n/a	=	14.3	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	N-Nitrosodiphenylamine	n/a	=	71	%	EPA 625.1	-88	-88	47	120	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	N-Nitrosodiphenylamine	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1			
2022/23-PRE	Carboy Blank	srgt equip blank	9/3/2022	Organic	Perylene-d12	n/a	=	5.04	µg/L	EPA 525.2	-88	-88			
2022/23-PRE	Carboy Blank	srgt equip blank, rec	9/3/2022	Organic	Perylene-d12	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2022/23-PRE	Lab	srgt method blank	9/3/2022	Organic	Perylene-d12	n/a	=	4.91	µg/L	EPA 525.2	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/3/2022	Organic	Perylene-d12	n/a	=	98	%	EPA 525.2	-88	-88	50	120	
2022/23-PRE	Lab	srgt LCS	9/3/2022	Organic	Perylene-d12	n/a	=	4.98	µg/L	EPA 525.2	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/3/2022	Organic	Perylene-d12	n/a	=	100	%	EPA 525.2	-88	-88	50	120	
2022/23-PRE	Lab	srgt LCS dup	9/3/2022	Organic	Perylene-d12	n/a	=	4.86	µg/L	EPA 525.2	-88	-88			
2022/23-PRE	Lab	srgt LCS dup, rec	9/3/2022	Organic	Perylene-d12	n/a	=	97	%	EPA 525.2	-88	-88	50	120	
2022/23-PRE	Tubing Blank	srgt equip blank	9/3/2022	Organic	Perylene-d12	n/a	=	5.32	µg/L	EPA 525.2	-88	-88			
2022/23-PRE	Tubing Blank	srgt equip blank, rec	9/3/2022	Organic	Perylene-d12	n/a	=	102	%	EPA 525.2	-88	-88	50	120	
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Phenanthrene	n/a	=	17.1	µg/L	EPA 625.1	0.32	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Phenanthrene	n/a	=	85	%	EPA 625.1	-88	-88	54	120	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Phenanthrene	n/a	=	17.1	µg/L	EPA 625.1	0.32	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Phenanthrene	n/a	=	84	%	EPA 625.1	-88	-88	54	120	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Phenanthrene	n/a	=	0.09	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Phenanthrene	n/a	=	17.5	µg/L	EPA 625.1	0.32	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Phenanthrene	n/a	=	87	%	EPA 625.1	-88	-88	65	120	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Phenanthrene	n/a	=	15.6	µg/L	EPA 625.1	0.32	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Phenanthrene	n/a	=	78	%	EPA 625.1	-88	-88	65	120	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Phenanthrene	n/a	=	16.2	µg/L	EPA 625.1	0.32	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Phenanthrene	n/a	=	81	%	EPA 625.1	-88	-88	65	120	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Phenanthrene	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Phenanthrene	n/a	=	14.9	µg/L	EPA 625.1	0.32	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Phenanthrene	n/a	=	75	%	EPA 625.1	-88	-88	65	120	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Phenanthrene	n/a	=	16	µg/L	EPA 625.1	0.32	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Phenanthrene	n/a	=	80	%	EPA 625.1	-88	-88	65	120	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Phenanthrene	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Phenol	n/a	=	5.78	µg/L	EPA 625.1	0.81	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Phenol	n/a	=	29	%	EPA 625.1	-88	-88	5	120	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Phenol	n/a	=	6.14	µg/L	EPA 625.1	0.81	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Phenol	n/a	=	30	%	EPA 625.1	-88	-88	5	120	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Phenol	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Phenol	n/a	=	6.22	µg/L	EPA 625.1	0.81	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Phenol	n/a	=	31	%	EPA 625.1	-88	-88	17	120	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Phenol	n/a	=	6.09	µg/L	EPA 625.1	0.81	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Phenol	n/a	=	30	%	EPA 625.1	-88	-88	17	120	
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Phenol	n/a	=	6.47	µg/L	EPA 625.1	0.81	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Phenol	n/a	=	32	%	EPA 625.1	-88	-88	17	120	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Phenol	n/a	=	6	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Phenol	n/a	=	6.17	µg/L	EPA 625.1	0.81	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Phenol	n/a	=	31	%	EPA 625.1	-88	-88	17	120	
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Phenol	n/a	=	6.49	µg/L	EPA 625.1	0.81	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Phenol	n/a	=	32	%	EPA 625.1	-88	-88	17	120	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Phenol	n/a	=	5	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1			
2022/23-PRE	000NONPJ	srgt matrix spike	9/1/2022	Organic	Phenol-d5	n/a	=	12.3	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	000NONPJ	srgt matrix spike, rec	9/1/2022	Organic	Phenol-d5	n/a	=	30	%	EPA 625.1	-88	-88	12	120	
2022/23-PRE	000NONPJ	srgt matrix spike dup	9/1/2022	Organic	Phenol-d5	n/a	=	13.1	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	000NONPJ	srgt matrix spike dup, rec	9/1/2022	Organic	Phenol-d5	n/a	=	32	%	EPA 625.1	-88	-88	12	120	
2022/23-PRE	Carboy Blank	srgt equip blank	9/7/2022	Organic	Phenol-d5	n/a	=	14.9	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Carboy Blank	srgt equip blank, rec	9/7/2022	Organic	Phenol-d5	n/a	=	37	%	EPA 625.1	-88	-88	12	120	
2022/23-PRE	Lab	srgt LCS	9/1/2022	Organic	Phenol-d5	n/a	=	13.5	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/1/2022	Organic	Phenol-d5	n/a	=	34	%	EPA 625.1	-88	-88	12	120	
2022/23-PRE	Lab	srgt method blank	9/1/2022	Organic	Phenol-d5	n/a	=	13	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/1/2022	Organic	Phenol-d5	n/a	=	32	%	EPA 625.1	-88	-88	12	120	
2022/23-PRE	Lab	srgt LCS	9/2/2022	Organic	Phenol-d5	n/a	=	13.4	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/2/2022	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2022/23-PRE	Lab	srgt LCS dup	9/2/2022	Organic	Phenol-d5	n/a	=	14.2	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	
2022/23-PRE	Lab	srgt LCS dup, rec	9/2/2022	Organic	Phenol-d5	n/a	=	36	%	EPA 625.1	-88	-88	12	120	
2022/23-PRE	Lab	srgt method blank	9/2/2022	Organic	Phenol-d5	n/a	=	14.4	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/2/2022	Organic	Phenol-d5	n/a	=	36	%	EPA 625.1	-88	-88	12	120	
2022/23-PRE	Lab	srgt LCS	9/7/2022	Organic	Phenol-d5	n/a	=	13.1	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/7/2022	Organic	Phenol-d5	n/a	=	33	%	EPA 625.1	-88	-88	12	120	
2022/23-PRE	Lab	srgt method blank	9/7/2022	Organic	Phenol-d5	n/a	=	12.5	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/7/2022	Organic	Phenol-d5	n/a	=	31	%	EPA 625.1	-88	-88	12	120	
2022/23-PRE	Lab	srgt LCS	9/7/2022	Organic	Phenol-d5	n/a	=	13.5	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/7/2022	Organic	Phenol-d5	n/a	=	34	%	EPA 625.1	-88	-88	12	120	
2022/23-PRE	Lab	srgt LCS dup	9/7/2022	Organic	Phenol-d5	n/a	=	14.2	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS dup, rec	9/7/2022	Organic	Phenol-d5	n/a	=	35	%	EPA 625.1	-88	-88	12	120	
2022/23-PRE	Lab	srgt method blank	9/7/2022	Organic	Phenol-d5	n/a	=	14.6	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/7/2022	Organic	Phenol-d5	n/a	=	37	%	EPA 625.1	-88	-88	12	120	
2022/23-PRE	Tubing Blank	srgt equip blank	9/1/2022	Organic	Phenol-d5	n/a	=	15.6	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Tubing Blank	srgt equip blank, rec	9/1/2022	Organic	Phenol-d5	n/a	=	37	%	EPA 625.1	-88	-88	12	120	
2022/23-PRE	000NONPJ	srgt matrix spike	9/1/2022	Organic	p-Terphenyl-d14	n/a	=	17.4	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	000NONPJ	srgt matrix spike, rec	9/1/2022	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 625.1	-88	-88	44	129	
2022/23-PRE	000NONPJ	srgt matrix spike dup	9/1/2022	Organic	p-Terphenyl-d14	n/a	=	18	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	000NONPJ	srgt matrix spike dup, rec	9/1/2022	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 625.1	-88	-88	44	129	
2022/23-PRE	Carboy Blank	srgt equip blank	9/7/2022	Organic	p-Terphenyl-d14	n/a	=	17.9	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Carboy Blank	srgt equip blank, rec	9/7/2022	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 625.1	-88	-88	44	129	
2022/23-PRE	Lab	srgt LCS	9/1/2022	Organic	p-Terphenyl-d14	n/a	=	18.7	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/1/2022	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 625.1	-88	-88	44	129	
2022/23-PRE	Lab	srgt method blank	9/1/2022	Organic	p-Terphenyl-d14	n/a	=	17.3	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/1/2022	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 625.1	-88	-88	44	129	
2022/23-PRE	Lab	srgt LCS	9/2/2022	Organic	p-Terphenyl-d14	n/a	=	18.6	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/2/2022	Organic	p-Terphenyl-d14	n/a	=	93	%	EPA 625.1	-88	-88	44	129	
2022/23-PRE	Lab	srgt LCS dup	9/2/2022	Organic	p-Terphenyl-d14	n/a	=	19.3	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS dup, rec	9/2/2022	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 625.1	-88	-88	44	129	
2022/23-PRE	Lab	srgt method blank	9/2/2022	Organic	p-Terphenyl-d14	n/a	=	18.1	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/2/2022	Organic	p-Terphenyl-d14	n/a	=	91	%	EPA 625.1	-88	-88	44	129	
2022/23-PRE	Lab	srgt LCS	9/7/2022	Organic	p-Terphenyl-d14	n/a	=	18.4	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/7/2022	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 625.1	-88	-88	44	129	
2022/23-PRE	Lab	srgt method blank	9/7/2022	Organic	p-Terphenyl-d14	n/a	=	16.6	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/7/2022	Organic	p-Terphenyl-d14	n/a	=	83	%	EPA 625.1	-88	-88	44	129	
2022/23-PRE	Lab	srgt LCS	9/7/2022	Organic	p-Terphenyl-d14	n/a	=	17.4	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/7/2022	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 625.1	-88	-88	44	129	
2022/23-PRE	Lab	srgt LCS dup	9/7/2022	Organic	p-Terphenyl-d14	n/a	=	18.4	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt LCS dup, rec	9/7/2022	Organic	p-Terphenyl-d14	n/a	=	92	%	EPA 625.1	-88	-88	44	129	
2022/23-PRE	Lab	srgt method blank	9/7/2022	Organic	p-Terphenyl-d14	n/a	=	17.5	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/7/2022	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 625.1	-88	-88	44	129	
2022/23-PRE	Tubing Blank	srgt equip blank	9/1/2022	Organic	p-Terphenyl-d14	n/a	=	17.9	µg/L	EPA 625.1	-88	-88			
2022/23-PRE	Tubing Blank	srgt equip blank, rec	9/1/2022	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 625.1	-88	-88	44	129	
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Organic	Pyrene	n/a	=	18.3	µg/L	EPA 625.1	0.25	1			
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Organic	Pyrene	n/a	=	90	%	EPA 625.1	-88	-88	52	120	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Organic	Pyrene	n/a	=	20.8	µg/L	EPA 625.1	0.25	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Organic	Pyrene	n/a	=	102	%	EPA 625.1	-88	-88	52	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	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Organic	Pyrene	n/a	=	13	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-PRE	Lab	LCS	9/1/2022	Organic	Pyrene	n/a	=	23.4	µg/L	EPA 625.1	0.25	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Organic	Pyrene	n/a	=	117	%	EPA 625.1	-88	-88	70	120	
2022/23-PRE	Lab	method blank	9/1/2022	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-PRE	Lab	LCS	9/2/2022	Organic	Pyrene	n/a	=	24.8	µg/L	EPA 625.1	0.25	1			EUM
2022/23-PRE	Lab	LCS, rec	9/2/2022	Organic	Pyrene	n/a	=	124	%	EPA 625.1	-88	-88	70	120	EUM
2022/23-PRE	Lab	LCS dup	9/2/2022	Organic	Pyrene	n/a	=	27.2	µg/L	EPA 625.1	0.25	1			EUM
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Organic	Pyrene	n/a	=	136	%	EPA 625.1	-88	-88	70	120	EUM
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Organic	Pyrene	n/a	=	9	%	EPA 625.1	-88	-88	0	30	EUM
2022/23-PRE	Lab	method blank	9/2/2022	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-PRE	Lab	LCS	9/7/2022	Organic	Pyrene	n/a	=	24.3	µg/L	EPA 625.1	0.25	1			EUM
2022/23-PRE	Lab	LCS, rec	9/7/2022	Organic	Pyrene	n/a	=	121	%	EPA 625.1	-88	-88	70	120	EUM
2022/23-PRE	Lab	LCS dup	9/7/2022	Organic	Pyrene	n/a	=	27.4	µg/L	EPA 625.1	0.25	1			EUM
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Organic	Pyrene	n/a	=	137	%	EPA 625.1	-88	-88	70	120	EUM
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Organic	Pyrene	n/a	=	12	%	EPA 625.1	-88	-88	0	30	EUM
2022/23-PRE	Lab	method blank	9/7/2022	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Organic	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1			
2022/23-PRE	Carboy Blank	srgt equip blank	9/3/2022	Organic	Triphenylphosphate	n/a	=	5.38	µg/L	EPA 525.2	-88	-88			
2022/23-PRE	Carboy Blank	srgt equip blank, rec	9/3/2022	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	srgt method blank	9/3/2022	Organic	Triphenylphosphate	n/a	=	4.95	µg/L	EPA 525.2	-88	-88			
2022/23-PRE	Lab	srgt method blank, rec	9/3/2022	Organic	Triphenylphosphate	n/a	=	99	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	srgt LCS	9/3/2022	Organic	Triphenylphosphate	n/a	=	5.64	µg/L	EPA 525.2	-88	-88			
2022/23-PRE	Lab	srgt LCS, rec	9/3/2022	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	srgt LCS dup	9/3/2022	Organic	Triphenylphosphate	n/a	=	5.87	µg/L	EPA 525.2	-88	-88			
2022/23-PRE	Lab	srgt LCS dup, rec	9/3/2022	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Tubing Blank	srgt equip blank	9/3/2022	Organic	Triphenylphosphate	n/a	=	5.33	µg/L	EPA 525.2	-88	-88			
2022/23-PRE	Tubing Blank	srgt equip blank, rec	9/3/2022	Organic	Triphenylphosphate	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	method blank	9/3/2022	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	LCS	9/3/2022	Pesticide	Alachlor	n/a	=	8.36	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Pesticide	Alachlor	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS dup	9/3/2022	Pesticide	Alachlor	n/a	=	7.63	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Pesticide	Alachlor	n/a	=	102	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Pesticide	Alachlor	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Pesticide	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Pesticide	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1			
2022/23-PRE	Lab	method blank	9/3/2022	Pesticide	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1			
2022/23-PRE	Lab	LCS	9/3/2022	Pesticide	Atrazine	n/a	=	4.64	µg/L	EPA 525.2	0.011	0.1			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Pesticide	Atrazine	n/a	=	93	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS dup	9/3/2022	Pesticide	Atrazine	n/a	=	4.46	µg/L	EPA 525.2	0.011	0.1			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Pesticide	Atrazine	n/a	=	89	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Pesticide	Atrazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Pesticide	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1			
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Pesticide	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5			
2022/23-PRE	Lab	method blank	9/3/2022	Pesticide	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5			
2022/23-PRE	Lab	LCS	9/3/2022	Pesticide	Bromacil	n/a	=	4.78	µg/L	EPA 525.2	0.07	0.5			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	LCS, rec	9/3/2022	Pesticide	Bromacil	n/a	=	96	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS dup	9/3/2022	Pesticide	Bromacil	n/a	=	4.23	µg/L	EPA 525.2	0.07	0.5			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Pesticide	Bromacil	n/a	=	85	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Pesticide	Bromacil	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Pesticide	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5			
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Pesticide	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2022/23-PRE	Lab	method blank	9/3/2022	Pesticide	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2022/23-PRE	Lab	LCS	9/3/2022	Pesticide	Butachlor	n/a	=	5.55	µg/L	EPA 525.2	0.012	0.1			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Pesticide	Butachlor	n/a	=	111	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS dup	9/3/2022	Pesticide	Butachlor	n/a	=	5.06	µg/L	EPA 525.2	0.012	0.1			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Pesticide	Butachlor	n/a	=	101	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Pesticide	Butachlor	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Pesticide	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2022/23-PRE	Lab	method blank	9/3/2022	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2022/23-PRE	Lab	LCS	9/3/2022	Pesticide	Captan	n/a	=	5.61	µg/L	EPA 525.2	0.32	1			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Pesticide	Captan	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS dup	9/3/2022	Pesticide	Captan	n/a	=	5.22	µg/L	EPA 525.2	0.32	1			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Pesticide	Captan	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Pesticide	Captan	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Pesticide	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1			
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2022/23-PRE	Lab	method blank	9/3/2022	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2022/23-PRE	Lab	LCS	9/3/2022	Pesticide	Chloroprotham	n/a	=	6.14	µg/L	EPA 525.2	0.04	0.1			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Pesticide	Chloroprotham	n/a	=	123	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS dup	9/3/2022	Pesticide	Chloroprotham	n/a	=	5.65	µg/L	EPA 525.2	0.04	0.1			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Pesticide	Chloroprotham	n/a	=	113	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Pesticide	Chloroprotham	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Pesticide	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1			
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2022/23-PRE	Lab	method blank	9/3/2022	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2022/23-PRE	Lab	LCS	9/3/2022	Pesticide	Diazinon	n/a	=	4.41	µg/L	EPA 525.2	0.022	0.1			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Pesticide	Diazinon	n/a	=	88	%	EPA 525.2	-88	-88	50	120	
2022/23-PRE	Lab	LCS dup	9/3/2022	Pesticide	Diazinon	n/a	=	4.12	µg/L	EPA 525.2	0.022	0.1			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Pesticide	Diazinon	n/a	=	82	%	EPA 525.2	-88	-88	50	120	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Pesticide	Diazinon	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Pesticide	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2022/23-PRE	Lab	method blank	9/3/2022	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2022/23-PRE	Lab	LCS	9/3/2022	Pesticide	Dimethoate	n/a	=	3.94	µg/L	EPA 525.2	0.02	0.2			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Pesticide	Dimethoate	n/a	=	79	%	EPA 525.2	-88	-88	50	120	
2022/23-PRE	Lab	LCS dup	9/3/2022	Pesticide	Dimethoate	n/a	=	3.28	µg/L	EPA 525.2	0.02	0.2			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Pesticide	Dimethoate	n/a	=	66	%	EPA 525.2	-88	-88	50	120	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Pesticide	Dimethoate	n/a	=	18	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Pesticide	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2			
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	method blank	9/3/2022	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	LCS	9/3/2022	Pesticide	Diphenamid	n/a	=	6.32	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Pesticide	Diphenamid	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS dup	9/3/2022	Pesticide	Diphenamid	n/a	=	5.75	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Pesticide	Diphenamid	n/a	=	115	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Pesticide	Diphenamid	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Pesticide	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Pesticide	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2022/23-PRE	Lab	method blank	9/3/2022	Pesticide	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2022/23-PRE	Lab	LCS	9/3/2022	Pesticide	Disulfoton	n/a	=	5.22	µg/L	EPA 525.2	0.015	0.1			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Pesticide	Disulfoton	n/a	=	104	%	EPA 525.2	-88	-88	50	120	
2022/23-PRE	Lab	LCS dup	9/3/2022	Pesticide	Disulfoton	n/a	=	4.74	µg/L	EPA 525.2	0.015	0.1			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Pesticide	Disulfoton	n/a	=	95	%	EPA 525.2	-88	-88	50	120	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Pesticide	Disulfoton	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Pesticide	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-PRE	Lab	method blank	9/3/2022	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-PRE	Lab	LCS	9/3/2022	Pesticide	EPTC	n/a	=	6.3	µg/L	EPA 525.2	0.02	0.1			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Pesticide	EPTC	n/a	=	126	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS dup	9/3/2022	Pesticide	EPTC	n/a	=	5.62	µg/L	EPA 525.2	0.02	0.1			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Pesticide	EPTC	n/a	=	112	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Pesticide	EPTC	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Pesticide	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	method blank	9/3/2022	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	LCS	9/3/2022	Pesticide	Metolachlor	n/a	=	5.8	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Pesticide	Metolachlor	n/a	=	116	%	EPA 525.2	-88	-88	60	130	
2022/23-PRE	Lab	LCS dup	9/3/2022	Pesticide	Metolachlor	n/a	=	5.32	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Pesticide	Metolachlor	n/a	=	106	%	EPA 525.2	-88	-88	60	130	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Pesticide	Metolachlor	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Pesticide	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	method blank	9/3/2022	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	LCS	9/3/2022	Pesticide	Metribuzin	n/a	=	5.69	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Pesticide	Metribuzin	n/a	=	114	%	EPA 525.2	-88	-88	50	120	
2022/23-PRE	Lab	LCS dup	9/3/2022	Pesticide	Metribuzin	n/a	=	4.79	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Pesticide	Metribuzin	n/a	=	96	%	EPA 525.2	-88	-88	50	120	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Pesticide	Metribuzin	n/a	=	17	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Pesticide	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	method blank	9/3/2022	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	LCS	9/3/2022	Pesticide	Molinate	n/a	=	4.48	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Pesticide	Molinate	n/a	=	90	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS dup	9/3/2022	Pesticide	Molinate	n/a	=	4.16	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Pesticide	Molinate	n/a	=	83	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Pesticide	Molinate	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Pesticide	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	000NONPJ	matrix spike	9/1/2022	Pesticide	Pentachlorophenol	n/a	=	14.8	µg/L	EPA 625.1	0.4	1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	000NONPJ	matrix spike, rec	9/1/2022	Pesticide	Pentachlorophenol	n/a	=	73	%	EPA 625.1	-88	-88	0.1	133	
2022/23-PRE	000NONPJ	matrix spike dup	9/1/2022	Pesticide	Pentachlorophenol	n/a	=	16.5	µg/L	EPA 625.1	0.4	1			
2022/23-PRE	000NONPJ	matrix spike dup, rec	9/1/2022	Pesticide	Pentachlorophenol	n/a	=	81	%	EPA 625.1	-88	-88	0.1	133	
2022/23-PRE	000NONPJ	matrix spike, RPD	9/1/2022	Pesticide	Pentachlorophenol	n/a	=	11	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Carboy Blank	equip blank	9/7/2022	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2022/23-PRE	Lab	LCS	9/1/2022	Pesticide	Pentachlorophenol	n/a	=	16.8	µg/L	EPA 625.1	0.4	1			
2022/23-PRE	Lab	LCS, rec	9/1/2022	Pesticide	Pentachlorophenol	n/a	=	84	%	EPA 625.1	-88	-88	41	120	
2022/23-PRE	Lab	method blank	9/1/2022	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2022/23-PRE	Lab	LCS	9/2/2022	Pesticide	Pentachlorophenol	n/a	=	16.7	µg/L	EPA 625.1	0.4	1			
2022/23-PRE	Lab	LCS, rec	9/2/2022	Pesticide	Pentachlorophenol	n/a	=	83	%	EPA 625.1	-88	-88	41	120	
2022/23-PRE	Lab	LCS dup	9/2/2022	Pesticide	Pentachlorophenol	n/a	=	17.9	µg/L	EPA 625.1	0.4	1			
2022/23-PRE	Lab	LCS dup, rec	9/2/2022	Pesticide	Pentachlorophenol	n/a	=	90	%	EPA 625.1	-88	-88	41	120	
2022/23-PRE	Lab	LCS, RPD	9/2/2022	Pesticide	Pentachlorophenol	n/a	=	7	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/2/2022	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2022/23-PRE	Lab	LCS	9/7/2022	Pesticide	Pentachlorophenol	n/a	=	15.4	µg/L	EPA 625.1	0.4	1			
2022/23-PRE	Lab	LCS, rec	9/7/2022	Pesticide	Pentachlorophenol	n/a	=	77	%	EPA 625.1	-88	-88	41	120	
2022/23-PRE	Lab	LCS dup	9/7/2022	Pesticide	Pentachlorophenol	n/a	=	16.1	µg/L	EPA 625.1	0.4	1			
2022/23-PRE	Lab	LCS dup, rec	9/7/2022	Pesticide	Pentachlorophenol	n/a	=	80	%	EPA 625.1	-88	-88	41	120	
2022/23-PRE	Lab	LCS, RPD	9/7/2022	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 625.1	-88	-88	0	30	
2022/23-PRE	Lab	method blank	9/7/2022	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2022/23-PRE	Tubing Blank	equip blank	9/1/2022	Pesticide	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1			
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	method blank	9/3/2022	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	LCS	9/3/2022	Pesticide	Prometryn	n/a	=	2.62	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Pesticide	Prometryn	n/a	=	52	%	EPA 525.2	-88	-88	30	120	
2022/23-PRE	Lab	LCS dup	9/3/2022	Pesticide	Prometryn	n/a	=	2.48	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Pesticide	Prometryn	n/a	=	50	%	EPA 525.2	-88	-88	30	120	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Pesticide	Prometryn	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Pesticide	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-PRE	Lab	method blank	9/3/2022	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-PRE	Lab	LCS	9/3/2022	Pesticide	Simazine	n/a	=	4	µg/L	EPA 525.2	0.02	0.1			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Pesticide	Simazine	n/a	=	80	%	EPA 525.2	-88	-88	60	130	
2022/23-PRE	Lab	LCS dup	9/3/2022	Pesticide	Simazine	n/a	=	3.66	µg/L	EPA 525.2	0.02	0.1			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Pesticide	Simazine	n/a	=	73	%	EPA 525.2	-88	-88	60	130	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Pesticide	Simazine	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Pesticide	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2022/23-PRE	Lab	method blank	9/3/2022	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2022/23-PRE	Lab	LCS	9/3/2022	Pesticide	Terbacil	n/a	=	3.96	µg/L	EPA 525.2	0.09	2			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Pesticide	Terbacil	n/a	=	79	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS dup	9/3/2022	Pesticide	Terbacil	n/a	=	3.46	µg/L	EPA 525.2	0.09	2			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Pesticide	Terbacil	n/a	=	69	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Pesticide	Terbacil	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Pesticide	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2			
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	method blank	9/3/2022	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2022/23-PRE	Lab	LCS	9/3/2022	Pesticide	Thiobencarb	n/a	=	5.2	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Pesticide	Thiobencarb	n/a	=	104	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS dup	9/3/2022	Pesticide	Thiobencarb	n/a	=	4.85	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Pesticide	Thiobencarb	n/a	=	97	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Pesticide	Thiobencarb	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Pesticide	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1			
2022/23-PRE	Carboy Blank	equip blank	9/3/2022	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-PRE	Lab	method blank	9/3/2022	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2022/23-PRE	Lab	LCS	9/3/2022	Pesticide	Trithion	n/a	=	4.68	µg/L	EPA 525.2	0.02	0.1			
2022/23-PRE	Lab	LCS, rec	9/3/2022	Pesticide	Trithion	n/a	=	94	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS dup	9/3/2022	Pesticide	Trithion	n/a	=	4.36	µg/L	EPA 525.2	0.02	0.1			
2022/23-PRE	Lab	LCS dup, rec	9/3/2022	Pesticide	Trithion	n/a	=	87	%	EPA 525.2	-88	-88	70	130	
2022/23-PRE	Lab	LCS, RPD	9/3/2022	Pesticide	Trithion	n/a	=	7	%	EPA 525.2	-88	-88	0	30	
2022/23-PRE	Tubing Blank	equip blank	9/3/2022	Pesticide	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			
2023-DRY	000NONPJ	matrix spike	9/14/2023	Cation	Calcium	Total	=	129	mg/L	EPA 200.7	0.0736	0.5			
2023-DRY	000NONPJ	matrix spike, rec	9/14/2023	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2023-DRY	000NONPJ	matrix spike dup	9/14/2023	Cation	Calcium	Total	=	128	mg/L	EPA 200.7	0.0736	0.5			
2023-DRY	000NONPJ	matrix spike dup, rec	9/14/2023	Cation	Calcium	Total	=	91	%	EPA 200.7	-88	-88	70	130	
2023-DRY	000NONPJ	matrix spike, RPD	9/14/2023	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2023-DRY	000NONPJ	matrix spike	9/18/2023	Cation	Calcium	Total	=	130	mg/L	EPA 200.7	0.0736	0.5			
2023-DRY	000NONPJ	matrix spike, rec	9/18/2023	Cation	Calcium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2023-DRY	000NONPJ	matrix spike dup	9/18/2023	Cation	Calcium	Total	=	128	mg/L	EPA 200.7	0.0736	0.5			
2023-DRY	000NONPJ	matrix spike dup, rec	9/18/2023	Cation	Calcium	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2023-DRY	000NONPJ	matrix spike, RPD	9/18/2023	Cation	Calcium	Total	=	0.9	%	EPA 200.7	-88	-88	0	30	
2023-DRY	Lab	method blank	9/14/2023	Cation	Calcium	Total	<	0.0736	mg/L	EPA 200.7	0.0736	0.5			
2023-DRY	Lab	LCS	9/14/2023	Cation	Calcium	Total	=	48.6	mg/L	EPA 200.7	0.0736	0.5			
2023-DRY	Lab	LCS, rec	9/14/2023	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2023-DRY	Lab	method blank	9/14/2023	Cation	Calcium	Total	<	0.0736	mg/L	EPA 200.7	0.0736	0.5			
2023-DRY	Lab	LCS	9/14/2023	Cation	Calcium	Total	=	47.7	mg/L	EPA 200.7	0.0736	0.5			
2023-DRY	Lab	LCS, rec	9/14/2023	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2023-DRY	Lab	method blank	9/18/2023	Cation	Calcium	Total	<	0.0736	mg/L	EPA 200.7	0.0736	0.5			
2023-DRY	Lab	LCS	9/18/2023	Cation	Calcium	Total	=	48.7	mg/L	EPA 200.7	0.0736	0.5			
2023-DRY	Lab	LCS, rec	9/18/2023	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2023-DRY	Lab	method blank	9/18/2023	Cation	Calcium	Total	<	0.0736	mg/L	EPA 200.7	0.0736	0.5			
2023-DRY	Lab	LCS	9/18/2023	Cation	Calcium	Total	=	47.9	mg/L	EPA 200.7	0.0736	0.5			
2023-DRY	Lab	LCS, rec	9/18/2023	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	85	115	
2023-DRY	MO-FIL	matrix spike	9/14/2023	Cation	Calcium	Total	=	171	mg/L	EPA 200.7	0.0736	0.5			
2023-DRY	MO-FIL	matrix spike, rec	9/14/2023	Cation	Calcium	Total	=	87	%	EPA 200.7	-88	-88	70	130	
2023-DRY	MO-FIL	matrix spike dup	9/14/2023	Cation	Calcium	Total	=	173	mg/L	EPA 200.7	0.0736	0.5			
2023-DRY	MO-FIL	matrix spike dup, rec	9/14/2023	Cation	Calcium	Total	=	90	%	EPA 200.7	-88	-88	70	130	
2023-DRY	MO-FIL	matrix spike, RPD	9/14/2023	Cation	Calcium	Total	=	0.9	%	EPA 200.7	-88	-88	0	30	
2023-DRY	MO-FIL	matrix spike	9/18/2023	Cation	Calcium	Total	=	171	mg/L	EPA 200.7	0.0736	0.5			
2023-DRY	MO-FIL	matrix spike, rec	9/18/2023	Cation	Calcium	Total	=	88	%	EPA 200.7	-88	-88	70	130	
2023-DRY	MO-FIL	matrix spike dup	9/18/2023	Cation	Calcium	Total	=	173	mg/L	EPA 200.7	0.0736	0.5			
2023-DRY	MO-FIL	matrix spike dup, rec	9/18/2023	Cation	Calcium	Total	=	91	%	EPA 200.7	-88	-88	70	130	
2023-DRY	MO-FIL	matrix spike, RPD	9/18/2023	Cation	Calcium	Total	=	0.8	%	EPA 200.7	-88	-88	0	30	
2023-DRY	000NONPJ	matrix spike	9/14/2023	Cation	Magnesium	Total	=	98.9	mg/L	EPA 200.7	0.039	0.5			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023-DRY	000NONPJ	matrix spike, rec	9/14/2023	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2023-DRY	000NONPJ	matrix spike dup	9/14/2023	Cation	Magnesium	Total	=	97.9	mg/L	EPA 200.7	0.039	0.5			
2023-DRY	000NONPJ	matrix spike dup, rec	9/14/2023	Cation	Magnesium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2023-DRY	000NONPJ	matrix spike, RPD	9/14/2023	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2023-DRY	Lab	method blank	9/14/2023	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2023-DRY	Lab	LCS	9/14/2023	Cation	Magnesium	Total	=	47.7	mg/L	EPA 200.7	0.039	0.5			
2023-DRY	Lab	LCS, rec	9/14/2023	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2023-DRY	Lab	method blank	9/14/2023	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2023-DRY	Lab	LCS	9/14/2023	Cation	Magnesium	Total	=	46.9	mg/L	EPA 200.7	0.039	0.5			
2023-DRY	Lab	LCS, rec	9/14/2023	Cation	Magnesium	Total	=	93	%	EPA 200.7	-88	-88	85	115	
2023-DRY	Lab	method blank	9/18/2023	Cation	Magnesium	Total	<	0.039	mg/L	EPA 200.7	0.039	0.5			
2023-DRY	Lab	LCS	9/18/2023	Cation	Magnesium	Total	=	48.7	mg/L	EPA 200.7	0.039	0.5			
2023-DRY	Lab	LCS, rec	9/18/2023	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2023-DRY	MO-FIL	matrix spike	9/14/2023	Cation	Magnesium	Total	=	83.5	mg/L	EPA 200.7	0.039	0.5			
2023-DRY	MO-FIL	matrix spike, rec	9/14/2023	Cation	Magnesium	Total	=	93	%	EPA 200.7	-88	-88	70	130	
2023-DRY	MO-FIL	matrix spike dup	9/14/2023	Cation	Magnesium	Total	=	83.8	mg/L	EPA 200.7	0.039	0.5			
2023-DRY	MO-FIL	matrix spike dup, rec	9/14/2023	Cation	Magnesium	Total	=	94	%	EPA 200.7	-88	-88	70	130	
2023-DRY	MO-FIL	matrix spike, RPD	9/14/2023	Cation	Magnesium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	
2023-DRY	MO-FIL	matrix spike	9/18/2023	Cation	Magnesium	Total	=	85.6	mg/L	EPA 200.7	0.039	0.5			
2023-DRY	MO-FIL	matrix spike, rec	9/18/2023	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2023-DRY	MO-FIL	matrix spike dup	9/18/2023	Cation	Magnesium	Total	=	86	mg/L	EPA 200.7	0.039	0.5			
2023-DRY	MO-FIL	matrix spike dup, rec	9/18/2023	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2023-DRY	MO-FIL	matrix spike, RPD	9/18/2023	Cation	Magnesium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2023-DRY	000NONPJ	matrix spike	9/17/2023	Conventional	Total Organic Carbon	n/a	=	4.96	mg/L	SM 5310 B	0.19	0.3			
2023-DRY	000NONPJ	matrix spike, rec	9/17/2023	Conventional	Total Organic Carbon	n/a	=	91	%	SM 5310 B	-88	-88	76	115	
2023-DRY	000NONPJ	matrix spike dup	9/17/2023	Conventional	Total Organic Carbon	n/a	=	4.87	mg/L	SM 5310 B	0.19	0.3			
2023-DRY	000NONPJ	matrix spike dup, rec	9/17/2023	Conventional	Total Organic Carbon	n/a	=	89	%	SM 5310 B	-88	-88	76	115	
2023-DRY	000NONPJ	matrix spike, RPD	9/17/2023	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 B	-88	-88	0	20	
2023-DRY	000NONPJ	matrix spike	9/17/2023	Conventional	Total Organic Carbon	n/a	=	11.1	mg/L	SM 5310 B	0.19	0.3			
2023-DRY	000NONPJ	matrix spike, rec	9/17/2023	Conventional	Total Organic Carbon	n/a	=	91	%	SM 5310 B	-88	-88	76	115	
2023-DRY	000NONPJ	matrix spike dup	9/17/2023	Conventional	Total Organic Carbon	n/a	=	11.3	mg/L	SM 5310 B	0.19	0.3			
2023-DRY	000NONPJ	matrix spike dup, rec	9/17/2023	Conventional	Total Organic Carbon	n/a	=	95	%	SM 5310 B	-88	-88	76	115	
2023-DRY	000NONPJ	matrix spike, RPD	9/17/2023	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 B	-88	-88	0	20	
2023-DRY	Lab	method blank	9/17/2023	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2023-DRY	Lab	LCS	9/17/2023	Conventional	Total Organic Carbon	n/a	=	1	mg/L	SM 5310 B	0.19	0.3			
2023-DRY	Lab	LCS, rec	9/17/2023	Conventional	Total Organic Carbon	n/a	=	100	%	SM 5310 B	-88	-88	85	115	
2023-DRY	Lab	method blank	9/17/2023	Conventional	Total Organic Carbon	n/a	<	0.19	mg/L	SM 5310 B	0.19	0.3			
2023-DRY	Lab	LCS	9/17/2023	Conventional	Total Organic Carbon	n/a	=	0.998	mg/L	SM 5310 B	0.19	0.3			
2023-DRY	Lab	LCS, rec	9/17/2023	Conventional	Total Organic Carbon	n/a	=	100	%	SM 5310 B	-88	-88	85	115	
2023-DRY	Lab	method blank	9/13/2023	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2023-DRY	Lab	LCS	9/13/2023	Metal	Copper	Dissolved	=	52.8	µg/L	EPA 200.8	0.23	0.5			
2023-DRY	Lab	LCS, rec	9/13/2023	Metal	Copper	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2023-DRY	Lab	method blank	9/13/2023	Metal	Copper	Dissolved	<	0.23	µg/L	EPA 200.8	0.23	0.5			
2023-DRY	Lab	LCS	9/13/2023	Metal	Copper	Dissolved	=	53	µg/L	EPA 200.8	0.23	0.5			
2023-DRY	Lab	LCS, rec	9/13/2023	Metal	Copper	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2023-DRY	Lab	method blank	9/13/2023	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2023-DRY	Lab	LCS	9/13/2023	Metal	Lead	Dissolved	=	50.2	µg/L	EPA 200.8	0.083	0.2			

Appendix F  
Laboratory QA/QC Analysis Results

Event ID	Site ID	QA/QC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2023-DRY	Lab	LCS, rec	9/13/2023	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2023-DRY	Lab	method blank	9/13/2023	Metal	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2			
2023-DRY	Lab	LCS	9/13/2023	Metal	Lead	Dissolved	=	49.7	µg/L	EPA 200.8	0.083	0.2			
2023-DRY	Lab	LCS, rec	9/13/2023	Metal	Lead	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2023-DRY	Lab	method blank	9/13/2023	Metal	Zinc	Dissolved	<	1.7	µg/L	EPA 200.8	1.7	10			
2023-DRY	Lab	LCS	9/13/2023	Metal	Zinc	Dissolved	=	50.9	µg/L	EPA 200.8	1.7	10			
2023-DRY	Lab	LCS, rec	9/13/2023	Metal	Zinc	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2023-DRY	Lab	method blank	9/13/2023	Metal	Zinc	Dissolved	<	1.7	µg/L	EPA 200.8	1.7	10			
2023-DRY	Lab	LCS	9/13/2023	Metal	Zinc	Dissolved	=	53.8	µg/L	EPA 200.8	1.7	10			
2023-DRY	Lab	LCS, rec	9/13/2023	Metal	Zinc	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	

## **Appendix G. Laboratory Environmental Analysis Results**

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
DRY-HUE3	2023-DRY	Dry	8/29/2023 3:20:00 PM	8/30/2023 4:55:00 PM	E. Coli	n/a	=	57940	MPN/100 mL	MMO-MUG	100	100	VCHCA	
DRY-HUE3	2023-DRY	Dry	8/29/2023 3:20:00 PM	8/30/2023 4:55:00 PM	Total Coliform	n/a	=	198630	MPN/100 mL	MMO-MUG	100	100	VCHCA	
DRY-HUE3	2023-DRY	Dry	8/29/2023 3:20:00 PM	9/14/2023 8:34:00 PM	Calcium	Total	=	256	mg/L	EPA 200.7	0.0736	0.5	WKL	
DRY-HUE3	2023-DRY	Dry	8/29/2023 3:20:00 PM	9/14/2023 8:34:00 PM	Magnesium	Total	=	100	mg/L	EPA 200.7	0.039	0.5	WKL	
DRY-HUE3	2023-DRY	Dry	8/29/2023 3:20:00 PM	8/29/2023 3:20:00 PM	Conductivity	n/a	=	3300	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-HUE3	2023-DRY	Dry	8/29/2023 3:20:00 PM	8/29/2023 3:20:00 PM	Discharge	n/a	*	0.33	cfs	Field Estimate	-88	-88	Field Crew	Est
DRY-HUE3	2023-DRY	Dry	8/29/2023 3:20:00 PM	8/29/2023 3:20:00 PM	DO	n/a	=	1.78	mg/L	Field Meter	-88	0.3	Field Crew	
DRY-HUE3	2023-DRY	Dry	8/29/2023 3:20:00 PM	8/29/2023 3:20:00 PM	DO	n/a	=	22	%	Field Meter	-88	0.1	Field Crew	
DRY-HUE3	2023-DRY	Dry	8/29/2023 3:20:00 PM	9/14/2023 8:34:00 PM	Hardness as CaCO3	Total	=	1050	mg/L	EPA 200.7	0.344	3.31	WKL	
DRY-HUE3	2023-DRY	Dry	8/29/2023 3:20:00 PM	8/29/2023 3:20:00 PM	pH	n/a	=	7.54	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-HUE3	2023-DRY	Dry	8/29/2023 3:20:00 PM	8/29/2023 3:20:00 PM	Salinity	n/a	=	1700	mg/L	Field Meter	-88	100	Field Crew	
DRY-HUE3	2023-DRY	Dry	8/29/2023 3:20:00 PM	8/29/2023 3:20:00 PM	Specific Conductance	n/a	=	3190	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-HUE3	2023-DRY	Dry	8/29/2023 3:20:00 PM	8/29/2023 3:20:00 PM	Temperature	n/a	=	26.8	°C	Field Meter	-88	0.1	Field Crew	
DRY-HUE3	2023-DRY	Dry	8/29/2023 3:20:00 PM	9/17/2023 2:25:00 PM	Total Organic Carbon	n/a	=	6.7	mg/L	SM 5310 B	0.19	0.3	WKL	
DRY-HUE3	2023-DRY	Dry	8/29/2023 3:20:00 PM	8/29/2023 3:20:00 PM	Turbidity	n/a	=	8.91	NTU	Field Meter	-88	0.01	Field Crew	
DRY-HUE3	2023-DRY	Dry	8/29/2023 3:20:00 PM	9/13/2023 5:55:00 PM	Copper	Dissolved	DNQ	0.37	µg/L	EPA 200.8	0.23	0.5	WKL	
DRY-HUE3	2023-DRY	Dry	8/29/2023 3:20:00 PM	9/13/2023 5:55:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
DRY-HUE3	2023-DRY	Dry	8/29/2023 3:20:00 PM	9/13/2023 5:55:00 PM	Zinc	Dissolved	DNQ	3.3	µg/L	EPA 200.8	1.7	10	WKL	
DRY-OXN2	2023-DRY	Dry	8/29/2023 2:30:00 PM	8/30/2023 4:55:00 PM	E. Coli	n/a	=	31	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-OXN2	2023-DRY	Dry	8/29/2023 2:30:00 PM	8/30/2023 4:55:00 PM	Total Coliform	n/a	=	4611	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-OXN2	2023-DRY	Dry	8/29/2023 2:30:00 PM	9/14/2023 8:31:00 PM	Calcium	Total	=	70	mg/L	EPA 200.7	0.0736	0.5	WKL	
DRY-OXN2	2023-DRY	Dry	8/29/2023 2:30:00 PM	9/14/2023 8:31:00 PM	Magnesium	Total	=	15.7	mg/L	EPA 200.7	0.039	0.5	WKL	
DRY-OXN2	2023-DRY	Dry	8/29/2023 2:30:00 PM	8/29/2023 2:30:00 PM	Conductivity	n/a	=	657	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-OXN2	2023-DRY	Dry	8/29/2023 2:30:00 PM	8/29/2023 2:30:00 PM	Discharge	n/a	=	1.39	cfs	Field Estimate	-88	-88	Field Crew	Est
DRY-OXN2	2023-DRY	Dry	8/29/2023 2:30:00 PM	8/29/2023 2:30:00 PM	DO	n/a	=	110.5	%	Field Meter	-88	0.1	Field Crew	
DRY-OXN2	2023-DRY	Dry	8/29/2023 2:30:00 PM	8/29/2023 2:30:00 PM	DO	n/a	=	9.16	mg/L	Field Meter	-88	0.3	Field Crew	
DRY-OXN2	2023-DRY	Dry	8/29/2023 2:30:00 PM	9/14/2023 8:31:00 PM	Hardness as CaCO3	Total	=	239	mg/L	EPA 200.7	0.344	3.31	WKL	
DRY-OXN2	2023-DRY	Dry	8/29/2023 2:30:00 PM	8/29/2023 2:30:00 PM	pH	n/a	=	8.43	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-OXN2	2023-DRY	Dry	8/29/2023 2:30:00 PM	8/29/2023 2:30:00 PM	Salinity	n/a	=	300	mg/L	Field Meter	-88	100	Field Crew	
DRY-OXN2	2023-DRY	Dry	8/29/2023 2:30:00 PM	8/29/2023 2:30:00 PM	Specific Conductance	n/a	=	671	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-OXN2	2023-DRY	Dry	8/29/2023 2:30:00 PM	8/29/2023 2:30:00 PM	Temperature	n/a	=	23.9	°C	Field Meter	-88	0.1	Field Crew	
DRY-OXN2	2023-DRY	Dry	8/29/2023 2:30:00 PM	9/17/2023 2:10:00 PM	Total Organic Carbon	n/a	=	12	mg/L	SM 5310 B	0.19	0.3	WKL	
DRY-OXN2	2023-DRY	Dry	8/29/2023 2:30:00 PM	8/29/2023 2:30:00 PM	Turbidity	n/a	=	7.83	NTU	Field Meter	-88	0.01	Field Crew	
DRY-OXN2	2023-DRY	Dry	8/29/2023 2:30:00 PM	9/13/2023 5:53:00 PM	Copper	Dissolved	=	2.7	µg/L	EPA 200.8	0.23	0.5	WKL	
DRY-OXN2	2023-DRY	Dry	8/29/2023 2:30:00 PM	9/13/2023 5:53:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
DRY-OXN2	2023-DRY	Dry	8/29/2023 2:30:00 PM	9/13/2023 5:53:00 PM	Zinc	Dissolved	=	12	µg/L	EPA 200.8	1.7	10	WKL	
DRY-SPA3	2023-DRY	Dry	8/30/2023 8:35:00 AM	8/31/2023 2:45:00 PM	E. Coli	n/a	=	1130	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-SPA3	2023-DRY	Dry	8/30/2023 8:35:00 AM	8/31/2023 2:45:00 PM	Total Coliform	n/a	=	17329	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-SPA3	2023-DRY	Dry	8/30/2023 8:35:00 AM	9/14/2023 7:32:00 PM	Calcium	Total	=	145	mg/L	EPA 200.7	0.0736	0.5	WKL	
DRY-SPA3	2023-DRY	Dry	8/30/2023 8:35:00 AM	9/14/2023 7:32:00 PM	Magnesium	Total	=	49.3	mg/L	EPA 200.7	0.039	0.5	WKL	
DRY-SPA3	2023-DRY	Dry	8/30/2023 8:35:00 AM	8/30/2023 8:35:00 AM	Conductivity	n/a	=	1249	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-SPA3	2023-DRY	Dry	8/30/2023 8:35:00 AM	8/30/2023 8:35:00 AM	Discharge	n/a	=	0.06	cfs	Field Estimate	-88	-88	Field Crew	Est
DRY-SPA3	2023-DRY	Dry	8/30/2023 8:35:00 AM	8/30/2023 8:35:00 AM	DO	n/a	=	116.3	%	Field Meter	-88	0.1	Field Crew	
DRY-SPA3	2023-DRY	Dry	8/30/2023 8:35:00 AM	8/30/2023 8:35:00 AM	DO	n/a	=	10.45	mg/L	Field Meter	-88	0.3	Field Crew	
DRY-SPA3	2023-DRY	Dry	8/30/2023 8:35:00 AM	9/14/2023 7:32:00 PM	Hardness as CaCO3	Total	=	566	mg/L	EPA 200.7	0.344	3.31	WKL	
DRY-SPA3	2023-DRY	Dry	8/30/2023 8:35:00 AM	8/30/2023 8:35:00 AM	pH	n/a	=	8.47	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-SPA3	2023-DRY	Dry	8/30/2023 8:35:00 AM	8/30/2023 8:35:00 AM	Salinity	n/a	=	700	mg/L	Field Meter	-88	100	Field Crew	
DRY-SPA3	2023-DRY	Dry	8/30/2023 8:35:00 AM	8/30/2023 8:35:00 AM	Specific Conductance	n/a	=	1426	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-SPA3	2023-DRY	Dry	8/30/2023 8:35:00 AM	8/30/2023 8:35:00 AM	Temperature	n/a	=	18.5	°C	Field Meter	-88	0.1	Field Crew	
DRY-SPA3	2023-DRY	Dry	8/30/2023 8:35:00 AM	9/17/2023 5:32:00 PM	Total Organic Carbon	n/a	=	3.1	mg/L	SM 5310 B	0.19	0.3	WKL	
DRY-SPA3	2023-DRY	Dry	8/30/2023 8:35:00 AM	8/30/2023 8:35:00 AM	Turbidity	n/a	=	6.91	NTU	Field Meter	-88	0.01	Field Crew	
DRY-SPA3	2023-DRY	Dry	8/30/2023 8:35:00 AM	9/13/2023 4:58:00 PM	Copper	Dissolved	=	2.1	µg/L	EPA 200.8	0.23	0.5	WKL	
DRY-SPA3	2023-DRY	Dry	8/30/2023 8:35:00 AM	9/13/2023 4:58:00 PM	Lead	Dissolved	=	0.62	µg/L	EPA 200.8	0.083	0.2	WKL	
DRY-SPA3	2023-DRY	Dry	8/30/2023 8:35:00 AM	9/13/2023 4:58:00 PM	Zinc	Dissolved	DNQ	7.1	µg/L	EPA 200.8	1.7	10	WKL	
DRY-UNI2	2023-DRY	Dry	8/30/2023 12:50:00 PM	8/31/2023 2:45:00 PM	E. Coli	n/a	=	231	MPN/100 mL	MMO-MUG	10	10	VCHCA	
DRY-UNI2	2023-DRY	Dry	8/30/2023 12:50:00 PM	8/31/2023 2:45:00 PM	Total Coliform	n/a	=	21870	MPN/100 mL	MMO-MUG	100	100	VCHCA	
DRY-UNI2	2023-DRY	Dry	8/30/2023 12:50:00 PM	9/18/2023 11:50:00 AM	Calcium	Total	=	309	mg/L	EPA 200.7	0.147	1	WKL	
DRY-UNI2	2023-DRY	Dry	8/30/2023 12:50:00 PM	9/14/2023 7:35:00 PM	Magnesium	Total	=	232	mg/L	EPA 200.7	0.039	0.5	WKL	
DRY-UNI2	2023-DRY	Dry	8/30/2023 12:50:00 PM	8/30/2023 12:50:00 PM	Conductivity	n/a	=	3688	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-UNI2	2023-DRY	Dry	8/30/2023 12:50:00 PM	8/30/2023 12:50:00 PM	Discharge	n/a	=	1.76	cfs	Field Estimate	-88	-88	Field Crew	Est
DRY-UNI2	2023-DRY	Dry	8/30/2023 12:50:00 PM	8/30/2023 12:50:00 PM	DO	n/a	=	11.4	mg/L	Field Meter	-88	0.3	Field Crew	
DRY-UNI2	2023-DRY	Dry	8/30/2023 12:50:00 PM	8/30/2023 12:50:00 PM	DO	n/a	=	143.3	%	Field Meter	-88	0.1	Field Crew	
DRY-UNI2	2023-DRY	Dry	8/30/2023 12:50:00 PM	9/18/2023 11:50:00 AM	Hardness as CaCO3	Total	=	1730	mg/L	EPA 200.7	0.528	4.56	WKL	
DRY-UNI2	2023-DRY	Dry	8/30/2023 12:50:00 PM	8/30/2023 12:50:00 PM	pH	n/a	=	7.99	pH Units	Field Meter	-88	0.01	Field Crew	
DRY-UNI2	2023-DRY	Dry	8/30/2023 12:50:00 PM	8/30/2023 12:50:00 PM	Salinity	n/a	=	400	mg/L	Field Meter	-88	100	Field Crew	
DRY-UNI2	2023-DRY	Dry	8/30/2023 12:50:00 PM	8/30/2023 12:50:00 PM	Specific Conductance	n/a	=	3653	µmhos/cm	Field Meter	-88	1	Field Crew	
DRY-UNI2	2023-DRY	Dry	8/30/2023 12:50:00 PM	8/30/2023 12:50:00 PM	Temperature	n/a	=	25.5	°C	Field Meter	-88	0.1	Field Crew	
DRY-UNI2	2023-DRY	Dry	8/30/2023 12:50:00 PM	9/17/2023 5:47:00 PM	Total Organic Carbon	n/a	=	6.1	mg/L	SM 5310 B	0.19	0.3	WKL	
DRY-UNI2	2023-DRY	Dry	8/30/2023 12:50:00 PM	8/30/2023 12:50:00 PM	Turbidity	n/a	=	2.54	NTU	Field Meter	-88	0.01	Field Crew	
DRY-UNI2	2023-DRY	Dry	8/30/2023 12:50:00 PM	9/13/2023 5:00:00 PM	Copper	Dissolved	=	1.2	µg/L	EPA 200.8	0.23	0.5	WKL	
DRY-UNI2	2023-DRY	Dry	8/30/2023 12:50:00 PM	9/13/2023 5:00:00 PM	Lead	Dissolved	DNQ	0.089	µg/L	EPA 200.8	0.083	0.2	WKL	
DRY-UNI2	2023-DRY	Dry	8/30/2023 12:50:00 PM	9/13/2023 5:00:00 PM	Zinc	Dissolved	DNQ	2.4	µg/L	EPA 200.8	1.7	10	WKL	
ME-CC	2022/23-1	Wet	11/8/2022 4:00:00 PM	11/9/2022 5:45:00 PM	E. Coli	n/a	=	1989	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-CC	2022/23-1	Wet	11/8/2022 4:00:00 PM	11/9/2022 5:45:00 PM	Total Coliform	n/a	=	173290	MPN/100 mL	MMO-MUG	100	100	VCHCA	
ME-CC	2022/23-1	Wet	11/8/2022 4:00:00 PM	11/8/2022 4:00:00 PM	Conductivity	n/a	=	1308	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2022/23-1	Wet	11/8/2022 4:00:00 PM	11/18/2022 2:20:00 PM	Cyanide	Total	=	0.0021	mg/L	ASTM D7511	0.0006	0.002	WKL	
ME-CC	2022/23-1	Wet	11/8/2022 4:00:00 PM	11/8/2022 4:00:00 PM	DO	n/a	=	7.2	mg/L	Field Meter	-88	0.3	Field Crew	
ME-CC	2022/23-1	Wet	11/8/2022 4:00:00 PM	11/8/2022 4:00:00 PM	DO	n/a	=	74.5	%	Field Meter	-88	0.1	Field Crew	
ME-CC	2022/23-1	Wet	11/8/2022 4:00:00 PM	11/8/2022 4:00:00 PM	pH	n/a	=	7.5	pH Units	Field Meter	-88	0.01	Field Crew	
ME-CC	2022/23-1	Wet	11/8/2022 4:00:00 PM	11/8/2022 4:00:00 PM	Salinity	n/a	=	800	mg/L	Field Meter	-88	100	Field Crew	
ME-CC	2022/23-1	Wet	11/8/2022 4:00:00 PM	11/8/2022 4:00:00 PM	Specific Conductance	n/a	=	1554	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2022/23-1	Wet	11/8/2022 4:00:00 PM	11/8/2022 4:00:00 PM	Temperature	n/a	=	16.7	°C	Field Meter	-88	0.1	Field Crew	
ME-CC	2022/23-1	Wet	11/8/2022 4:00:00 PM	11/17/2022 1:09:00 PM	Gasoline Range Organics	n/a	DNQ	0.081	mg/L	EPA 8260B	0.065	0.1	WKL	UL-MB, IPND
ME-CC	2022/23-1	Wet	11/8/2022 4:00:00 PM	12/2/2022 11:08:00 AM	Oil and Grease	n/a	DNQ	3	mg/L	EPA 1664B	0.6	4	WKL	
ME-CC	2022/23-1	Wet	11/8/2022 4:00:00 PM	11/12/2022 9:12:00 AM	2-Chloroethyl vinyl ether	n/a	<	0.38	µg/L	EPA 624.1	0.38	2	WKL	DG
ME-CC	2022/23-1	Wet	11/8/2022 4:00:00 PM	11/12/2022 9:12:00 AM	Methyl tert-butyl ether (MTBE)	n/a	<	0.8	µg/L	EPA 624.1	0.8	2	WKL	DG
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/12/2022 12:35:00 AM	Chloride	n/a	=	150	mg/L	EPA 300.0	0.38	1	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/12/2022 12:35:00 AM	Fluoride	n/a	=	0.34	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/11/2022 7:17:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 6:08:00 PM	Calcium	Total	=	60.3	mg/L	EPA 200.7	0.0234	0.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 6:08:00 PM	Magnesium	Total	=	30.5	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/12/2022 9:11:00 AM	Alkalinity as CaCO3	n/a	=	160	mg/L	SM 2320 B	1.9	5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 11:32:00 AM	BOD	n/a	=	11	mg/L	SM 5210 B	2	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/23/2022 4:43:00 AM	COD	n/a	=	17	mg/L	EPA 410.4	2.9	5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 6:08:00 PM	Hardness as CaCO3	Total	=	276	mg/L	EPA 200.7	0.219	3.31	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/10/2022 3:02:00 PM	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/22/2022 11:37:00 AM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/23/2022 10:57:00 AM	Specific Conductance	n/a	=	1100	µmhos/cm	SM 2510 B	1.1	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/10/2022 3:25:00 PM	Total Chlorine Residual	n/a	DNQ	0.038	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 12:02:00 PM	Total Dissolved Solids	n/a	=	730	mg/L	SM 2540 C	4	10	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 3:23:00 PM	Total Organic Carbon	n/a	=	8.4	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 2:03:00 PM	Total Suspended Solids	n/a	=	890	mg/L	SM 2540 D	-88	5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/10/2022 3:02:00 PM	Turbidity	n/a	=	17	NTU	EPA 180.1	0.017	0.1	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 2:03:00 PM	Volatile Suspended Solids	n/a	=	120	mg/L	EPA 160.4	3.1	5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/1/2022 5:19:00 AM	Diesel Range Organics	n/a	=	0.27	mg/L	EPA 8015B	0.072	0.1	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/1/2022 5:19:00 AM	Oil Range Organics	n/a	=	0.5	mg/L	EPA 8015B	0.22	0.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:02:00 PM	Aluminum	Dissolved	DNQ	12	µg/L	EPA 200.8	4.4	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:05:00 PM	Aluminum	Total	=	2900	µg/L	EPA 200.8	4.4	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:02:00 PM	Antimony	Dissolved	=	0.54	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:05:00 PM	Antimony	Total	=	0.68	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:02:00 PM	Arsenic	Dissolved	=	2.9	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:05:00 PM	Arsenic	Total	=	4.1	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:05:00 PM	Barium	Total	=	77	µg/L	EPA 200.8	0.14	1	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:02:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:05:00 PM	Beryllium	Total	=	0.12	µg/L	EPA 200.8	0.029	0.1	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:02:00 PM	Cadmium	Dissolved	=	0.32	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:05:00 PM	Cadmium	Total	=	0.52	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:02:00 PM	Chromium	Dissolved	=	0.37	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:05:00 PM	Chromium	Total	=	6.4	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/14/2022 6:21:00 PM	Chromium VI	n/a	=	0.18	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:02:00 PM	Copper	Dissolved	=	4.2	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:05:00 PM	Copper	Total	=	9.4	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:02:00 PM	Iron	Dissolved	=	30	µg/L	EPA 200.8	3.9	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:05:00 PM	Iron	Total	=	3600	µg/L	EPA 200.8	3.9	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:02:00 PM	Lead	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:05:00 PM	Lead	Total	=	3.6	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/17/2022 1:33:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/17/2022 1:35:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:02:00 PM	Nickel	Dissolved	=	4.5	µg/L	EPA 200.8	0.16	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:05:00 PM	Nickel	Total	=	9.5	µg/L	EPA 200.8	0.16	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:02:00 PM	Selenium	Dissolved	=	0.57	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:05:00 PM	Selenium	Total	=	0.69	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:02:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:05:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:02:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:05:00 PM	Thallium	Total	DNQ	0.036	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:02:00 PM	Zinc	Dissolved	=	13	µg/L	EPA 200.8	0.8	10	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 4:05:00 PM	Zinc	Total	=	32	µg/L	EPA 200.8	1.7	10	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/17/2022 4:11:00 PM	Ammonia as N	n/a	=	0.18	mg/L	EPA 350.1	0.017	0.1	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/10/2022 3:22:00 PM	Nitrate + Nitrite as N	n/a	=	4.5	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/10/2022 3:22:00 PM	Nitrate as N	n/a	=	4.4	mg/L	EPA 353.2	0.04	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 6:05:00 PM	Phosphorus as P	Dissolved	=	2.4	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/15/2022 6:08:00 PM	Phosphorus as P	Total	=	2.8	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/6/2022 4:15:00 PM	TKN	n/a	=	1.5	mg/L	EPA 351.2	0.13	0.2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	1,2,4-Trichlorobenzene	n/a	<	9.8	µg/L	EPA 625.1	9.8	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	1,2-Dichlorobenzene	n/a	<	9.2	µg/L	EPA 625.1	9.2	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	1,2-Diphenylhydrazine	n/a	<	6	µg/L	EPA 625.1	6	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	1,3-Dichlorobenzene	n/a	<	8.4	µg/L	EPA 625.1	8.4	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	1,4-Dichlorobenzene	n/a	<	9.6	µg/L	EPA 625.1	9.6	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/3/2022 4:56:00 AM	1-Methylnaphthalene	n/a	<	0.48	µg/L	EPA 8270C	0.48	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/10/2022 1:12:00 PM	2,4,5-Trichlorophenol	n/a	<	5.8	µg/L	EPA 8270C	5.8	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	2,4,6-Trichlorophenol	n/a	<	4.4	µg/L	EPA 625.1	4.4	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/10/2022 1:12:00 PM	2,4,6-Trichlorophenol	n/a	<	6	µg/L	EPA 8270C	6	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/10/2022 1:12:00 PM	2,4-Dichlorophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	2,4-Dichlorophenol	n/a	<	5.2	µg/L	EPA 625.1	5.2	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	2,4-Dimethylphenol	n/a	<	15	µg/L	EPA 625.1	15	20	WKL	-LCSRPD, LB-L
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/10/2022 1:12:00 PM	2,4-Dimethylphenol	n/a	<	20	µg/L	EPA 8270C	20	40	WKL	LB-LCSR
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	2,4-Dinitrophenol	n/a	<	37	µg/L	EPA 625.1	37	200	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/10/2022 1:12:00 PM	2,4-Dinitrophenol	n/a	<	20	µg/L	EPA 8270C	20	40	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	2,4-Dinitrotoluene	n/a	<	9.2	µg/L	EPA 625.1	9.2	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	2,6-Dinitrotoluene	n/a	<	5.4	µg/L	EPA 625.1	5.4	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	2-Chloronaphthalene	n/a	<	9	µg/L	EPA 625.1	9	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/10/2022 1:12:00 PM	2-Chlorophenol	n/a	<	13	µg/L	EPA 8270C	13	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	2-Chlorophenol	n/a	<	5.6	µg/L	EPA 625.1	5.6	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/3/2022 4:56:00 AM	2-Methylnaphthalene	n/a	<	0.52	µg/L	EPA 8270C	0.52	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/10/2022 1:12:00 PM	2-Methylphenol	n/a	<	6.8	µg/L	EPA 8270C	6.8	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	2-Nitrophenol	n/a	<	5.2	µg/L	EPA 625.1	5.2	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/10/2022 1:12:00 PM	2-Nitrophenol	n/a	<	14	µg/L	EPA 8270C	14	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	3,3'-Dichlorobenzidine	n/a	<	50	µg/L	EPA 625.1	50	100	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/10/2022 1:12:00 PM	3-/4-Methylphenol	n/a	<	6	µg/L	EPA 8270C	6	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/10/2022 1:12:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	2.8	µg/L	EPA 8270C	2.8	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	10	µg/L	EPA 625.1	10	100	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	4-Bromophenyl phenyl ether	n/a	<	7.2	µg/L	EPA 625.1	7.2	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	4-Chloro-3-methylphenol	n/a	<	4.6	µg/L	EPA 625.1	4.6	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/10/2022 1:12:00 PM	4-Chloro-3-methylphenol	n/a	<	7.4	µg/L	EPA 8270C	7.4	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	4-Chlorophenyl phenyl ether	n/a	<	8.2	µg/L	EPA 625.1	8.2	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	4-Nitrophenol	n/a	<	25	µg/L	EPA 625.1	25	100	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/10/2022 1:12:00 PM	4-Nitrophenol	n/a	<	20	µg/L	EPA 8270C	20	40	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Acenaphthene	n/a	<	7.6	µg/L	EPA 625.1	7.6	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/3/2022 4:56:00 AM	Acenaphthene	n/a	<	0.56	µg/L	EPA 8270C	0.56	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Acenaphthylene	n/a	<	7	µg/L	EPA 625.1	7	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/3/2022 4:56:00 AM	Acenaphthylene	n/a	<	0.66	µg/L	EPA 8270C	0.66	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Anthracene	n/a	<	8.2	µg/L	EPA 625.1	8.2	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/3/2022 4:56:00 AM	Anthracene	n/a	<	0.5	µg/L	EPA 8270C	0.5	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/3/2022 4:56:00 AM	Benz(a)anthracene	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Benz(a)anthracene	n/a	<	3.8	µg/L	EPA 625.1	3.8	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Benzidine	n/a	<	64	µg/L	EPA 625.1	64	200	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Benzo(a)pyrene	n/a	<	7.8	µg/L	EPA 625.1	7.8	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/3/2022 4:56:00 AM	Benzo(a)pyrene	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Benzo(b)fluoranthene	n/a	<	9.2	µg/L	EPA 625.1	9.2	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/3/2022 4:56:00 AM	Benzo(b)fluoranthene	n/a	<	1.5	µg/L	EPA 8270C	1.5	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Benzo(g,h,i)perylene	n/a	<	8.4	µg/L	EPA 625.1	8.4	40	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/3/2022 4:56:00 AM	Benzo(g,h,i)perylene	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Benzo(k)fluoranthene	n/a	<	4.4	µg/L	EPA 625.1	4.4	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/3/2022 4:56:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.55	µg/L	EPA 8270C	0.52	2	WKL	ANI
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Bis(2-chloroethoxy)methane	n/a	<	5	µg/L	EPA 625.1	5	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Bis(2-chloroethyl)ether	n/a	<	5.4	µg/L	EPA 625.1	5.4	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	7.6	µg/L	EPA 625.1	7.6	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	46	µg/L	EPA 625.1	46	100	WKL	EST-LCSRPD
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Butyl benzyl phthalate	n/a	<	9.8	µg/L	EPA 625.1	9.8	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/3/2022 4:56:00 AM	Chrysene	n/a	<	1.5	µg/L	EPA 8270C	1.5	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Chrysene	n/a	<	3.8	µg/L	EPA 625.1	3.8	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/3/2022 4:56:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.83	µg/L	EPA 8270C	0.72	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Dibenz(a,h)anthracene	n/a	<	3	µg/L	EPA 625.1	3	40	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Diethyl phthalate	n/a	<	7	µg/L	EPA 625.1	7	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Dimethyl phthalate	n/a	<	3.6	µg/L	EPA 625.1	3.6	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Di-n-butylphthalate	n/a	<	6.8	µg/L	EPA 625.1	6.8	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Di-n-octylphthalate	n/a	<	9.2	µg/L	EPA 625.1	9.2	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/3/2022 4:56:00 AM	Fluoranthene	n/a	<	0.78	µg/L	EPA 8270C	0.78	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Fluoranthene	n/a	<	6.9	µg/L	EPA 625.1	6.9	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/3/2022 4:56:00 AM	Fluorene	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Fluorene	n/a	<	7	µg/L	EPA 625.1	7	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Hexachlorobenzene	n/a	<	9.8	µg/L	EPA 625.1	9.8	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Hexachlorobutadiene	n/a	<	9.4	µg/L	EPA 625.1	9.4	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Hexachlorocyclopentadiene	n/a	<	6.2	µg/L	EPA 625.1	6.2	100	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Hexachloroethane	n/a	<	10	µg/L	EPA 625.1	10	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	4.9	µg/L	EPA 625.1	4.9	40	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/3/2022 4:56:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Isophorone	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Naphthalene	n/a	<	9.8	µg/L	EPA 625.1	9.8	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/3/2022 4:56:00 AM	Naphthalene	n/a	<	0.52	µg/L	EPA 8270C	0.52	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Nitrobenzene	n/a	<	7.2	µg/L	EPA 625.1	7.2	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	N-Nitrosodimethylamine	n/a	<	10	µg/L	EPA 625.1	10	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	N-Nitrosodi-N-propylamine	n/a	<	5.2	µg/L	EPA 625.1	5.2	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	N-Nitrosodiphenylamine	n/a	<	3.8	µg/L	EPA 625.1	3.8	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/3/2022 4:56:00 AM	Phenanthrene	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Phenanthrene	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Phenol	n/a	<	16	µg/L	EPA 625.1	16	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/10/2022 1:12:00 PM	Phenol	n/a	<	7	µg/L	EPA 8270C	7	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/3/2022 4:56:00 AM	Pyrene	n/a	<	0.8	µg/L	EPA 8270C	0.8	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Pyrene	n/a	<	5	µg/L	EPA 625.1	5	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	PCB Aroclor 1016	n/a	<	2	µg/L	EPA 608.3	2	10	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	PCB Aroclor 1221	n/a	<	2	µg/L	EPA 608.3	2	10	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	PCB Aroclor 1232	n/a	<	2	µg/L	EPA 608.3	2	10	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	PCB Aroclor 1242	n/a	<	2	µg/L	EPA 608.3	2	10	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	PCB Aroclor 1248	n/a	<	2	µg/L	EPA 608.3	2	10	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	PCB Aroclor 1254	n/a	<	2	µg/L	EPA 608.3	2	10	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	PCB Aroclor 1260	n/a	<	2	µg/L	EPA 608.3	2	10	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/4/2022 10:50:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/4/2022 10:50:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/4/2022 10:50:00 AM	2,4-D	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/4/2022 10:50:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/4/2022 10:50:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	4,4'-DDD	n/a	<	0.054	µg/L	EPA 608.3	0.054	1	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	4,4'-DDE	n/a	DNQ	0.038	µg/L	EPA 608.3	0.036	1	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	4,4'-DDT	n/a	<	0.056	µg/L	EPA 608.3	0.056	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/4/2022 10:50:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	Aldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.1	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Azinphos methyl	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/4/2022 10:50:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	beta-BHC	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.1	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Bolstar	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	Chlordane (technical)	n/a	<	0.86	µg/L	EPA 608.3	0.86	2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Chlorpyrifos	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Coumaphos	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/4/2022 10:50:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/4/2022 10:50:00 AM	DCPA (Dacthal)	n/a	=	0.36	µg/L	EPA 515.4	0.029	0.1	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	delta-BHC	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.1	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Demeton-O	n/a	<	0.0097	µg/L	EPA 625.1m	0.0097	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Demeton-S	n/a	<	0.0072	µg/L	EPA 625.1m	0.0072	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Diazinon	n/a	DNQ	0.011	µg/L	EPA 625.1m	0.0051	0.05	WKL	LB-LCSR
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/4/2022 10:50:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/4/2022 10:50:00 AM	Dichlorprop	n/a	<	0.3	µg/L	EPA 515.4	0.3	0.3	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Dichlorvos	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	Dieldrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Dimethoate	n/a	DNQ	0.013	µg/L	EPA 625.1m	0.013	0.05	WKL	UL-MB
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/4/2022 10:50:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Disulfoton	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	Endosulfan I	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.4	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	Endosulfan sulfate	n/a	<	0.026	µg/L	EPA 608.3	0.026	1	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	Endrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Ethoprop	n/a	<	0.0033	µg/L	EPA 625.1m	0.0033	0.05	WKL	LB-LCSR
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Fenthion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	gamma-BHC (Lindane)	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.4	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/21/2022 10:55:00 PM	Glyphosate	n/a	=	30	µg/L	EPA 547	1.8	5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	Heptachlor	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	Heptachlor epoxide	n/a	<	0.036	µg/L	EPA 608.3	0.036	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Malathion	n/a	=	2.4	µg/L	EPA 625.1m	0.011	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Merphos	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Methyl parathion	n/a	<	0.0065	µg/L	EPA 625.1m	0.0065	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	Metolachlor	n/a	DNQ	0.35	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Mevinphos	n/a	<	0.0065	µg/L	EPA 625.1m	0.0065	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Naled	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/10/2022 1:12:00 PM	Pentachlorophenol	n/a	<	3	µg/L	EPA 8270C	3	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/13/2022 1:14:00 AM	Pentachlorophenol	n/a	<	8	µg/L	EPA 625.1	8	20	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/4/2022 10:50:00 AM	Pentachlorophenol	n/a	DNQ	0.063	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Phorate	n/a	<	0.007	µg/L	EPA 625.1m	0.007	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	12/4/2022 10:50:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	Prometryn	n/a	DNQ	0.26	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Ronnel (Fenclorophos)	n/a	<	0.007	µg/L	EPA 625.1m	0.007	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Tokuthion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/29/2022 11:29:00 PM	Toxaphene	n/a	<	1.7	µg/L	EPA 608.3	1.7	10	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/18/2022 10:15:00 PM	Trichloronate	n/a	<	0.008	µg/L	EPA 625.1m	0.008	0.05	WKL	
ME-CC	2022/23-1	Wet	11/9/2022 9:10:00 AM	11/16/2022 6:33:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
ME-CC	2022/23-2	Wet	12/2/2022 10:40:00 AM	12/3/2022 8:00:00 AM	E. Coli	n/a	=	63	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-CC	2022/23-2	Wet	12/2/2022 10:40:00 AM	12/3/2022 8:00:00 AM	Total Coliform	n/a	=	20980	MPN/100 mL	MMO-MUG	100	100	VCHCA	
ME-CC	2022/23-2	Wet	12/2/2022 10:40:00 AM	12/2/2022 10:40:00 AM	Conductivity	n/a	=	1198	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2022/23-2	Wet	12/2/2022 10:40:00 AM	12/2/2022 6:12:00 PM	Cyanide	Total	DNQ	0.0011	mg/L	ASTM D7511	0.0006	0.002	WKL	
ME-CC	2022/23-2	Wet	12/2/2022 10:40:00 AM	12/2/2022 10:40:00 AM	DO	n/a	=	52.1	%	Field Meter	-88	0.1	Field Crew	
ME-CC	2022/23-2	Wet	12/2/2022 10:40:00 AM	12/2/2022 10:40:00 AM	DO	n/a	=	5.55	mg/L	Field Meter	-88	0.3	Field Crew	
ME-CC	2022/23-2	Wet	12/2/2022 10:40:00 AM	12/2/2022 10:40:00 AM	pH	n/a	=	7.72	pH Units	Field Meter	-88	0.01	Field Crew	
ME-CC	2022/23-2	Wet	12/2/2022 10:40:00 AM	12/2/2022 10:40:00 AM	Salinity	n/a	=	800	mg/L	Field Meter	-88	100	Field Crew	
ME-CC	2022/23-2	Wet	12/2/2022 10:40:00 AM	12/2/2022 10:40:00 AM	Specific Conductance	n/a	=	1600	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2022/23-2	Wet	12/2/2022 10:40:00 AM	12/2/2022 10:40:00 AM	Temperature	n/a	=	11.9	°C	Field Meter	-88	0.1	Field Crew	
ME-CC	2022/23-2	Wet	12/2/2022 10:40:00 AM	12/12/2022 5:32:00 AM	Gasoline Range Organics	n/a	DNQ	0.075	mg/L	EPA 8260B	0.065	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 10:40:00 AM	12/13/2022 9:55:00 AM	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/14/2022 11:21:00 PM	Chloride	n/a	=	180	mg/L	EPA 300.0	0.38	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/14/2022 11:21:00 PM	Fluoride	n/a	=	0.5	mg/L	EPA 300.0	0.018	0.2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/10/2022 9:41:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/9/2022 7:05:00 PM	Calcium	Total	=	71.8	mg/L	EPA 200.7	0.0234	0.5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/9/2022 7:05:00 PM	Magnesium	Total	=	36.5	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/8/2022 6:36:00 PM	Alkalinity as CaCO3	n/a	=	180	mg/L	SM 2320 B	1.9	5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/9/2022 10:27:00 AM	BOD	n/a	=	5.8	mg/L	SM 5210 B	2	2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/9/2022 3:19:00 PM	COD	n/a	=	33	mg/L	EPA 410.4	2.9	5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/9/2022 7:05:00 PM	Hardness as CaCO3	Total	=	330	mg/L	EPA 200.7	0.219	3.31	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/4/2022 10:03:00 AM	MBAS	n/a	=	0.078	mg/L	SM 5540 C	0.023	0.05	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/14/2022 12:11:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/14/2022 11:32:00 AM	Specific Conductance	n/a	=	1300	µmhos/cm	SM 2510 B	2.1	4	WKL	EST-LD
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/5/2022 3:03:00 PM	Total Chlorine Residual	n/a	=	0.058	mg/L	SM 4500-Cl G	0.031	0.05	WKL	ST-HT, HB-MS
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/8/2022 2:49:00 PM	Total Dissolved Solids	n/a	=	840	mg/L	SM 2540 C	4	10	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/8/2022 5:57:00 AM	Total Organic Carbon	n/a	=	7.9	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/6/2022 5:10:00 PM	Total Suspended Solids	n/a	=	25	mg/L	SM 2540 D	-88	5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/3/2022 2:13:00 PM	Turbidity	n/a	=	20	NTU	EPA 180.1	0.017	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/6/2022 5:10:00 PM	Volatile Suspended Solids	n/a	=	14	mg/L	EPA 160.4	3.1	5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/19/2022 8:23:00 PM	Diesel Range Organics	n/a	=	0.14	mg/L	EPA 8015B	0.072	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/19/2022 8:23:00 PM	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:00:00 PM	Aluminum	Dissolved	DNQ	5.5	µg/L	EPA 200.8	4.4	20	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:03:00 PM	Aluminum	Total	=	1200	µg/L	EPA 200.8	4.4	20	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:00:00 PM	Antimony	Dissolved	=	0.55	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:03:00 PM	Antimony	Total	=	0.59	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:00:00 PM	Arsenic	Dissolved	=	3.7	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:03:00 PM	Arsenic	Total	=	4.2	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:03:00 PM	Barium	Total	=	41	µg/L	EPA 200.8	0.14	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:00:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:03:00 PM	Beryllium	Total	DNQ	0.088	µg/L	EPA 200.8	0.029	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:00:00 PM	Cadmium	Dissolved	DNQ	0.14	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:03:00 PM	Cadmium	Total	=	0.24	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:00:00 PM	Chromium	Dissolved	=	0.24	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:03:00 PM	Chromium	Total	=	3.2	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/6/2022 2:55:00 PM	Chromium VI	n/a	=	0.1	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:00:00 PM	Copper	Dissolved	=	3	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:03:00 PM	Copper	Total	=	5.1	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:00:00 PM	Iron	Dissolved	=	32	µg/L	EPA 200.8	3.9	20	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:03:00 PM	Iron	Total	=	1700	µg/L	EPA 200.8	3.9	20	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:00:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:03:00 PM	Lead	Total	=	0.8	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 4:21:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 4:23:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:00:00 PM	Nickel	Dissolved	=	4.5	µg/L	EPA 200.8	0.16	2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:03:00 PM	Nickel	Total	=	6.9	µg/L	EPA 200.8	0.16	2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:00:00 PM	Selenium	Dissolved	=	0.75	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:03:00 PM	Selenium	Total	=	0.84	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:00:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:03:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:00:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:03:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:00:00 PM	Zinc	Dissolved	DNQ	9.3	µg/L	EPA 200.8	0.8	10	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/12/2022 5:03:00 PM	Zinc	Total	=	17	µg/L	EPA 200.8	1.7	10	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/7/2022 1:01:00 PM	Ammonia as N	n/a	DNQ	0.021	mg/L	EPA 350.1	0.017	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/3/2022 3:19:00 PM	Nitrate + Nitrite as N	n/a	=	5.2	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/3/2022 3:19:00 PM	Nitrate as N	n/a	=	5.1	mg/L	EPA 353.2	0.04	0.2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/9/2022 7:02:00 PM	Phosphorus as P	Dissolved	=	1.9	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/9/2022 7:05:00 PM	Phosphorus as P	Total	=	2.1	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/19/2022 5:33:00 PM	TKN	n/a	=	1.3	mg/L	EPA 351.2	0.13	0.2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/6/2023 5:06:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/7/2023 3:57:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/7/2023 3:57:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/7/2023 3:57:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/7/2023 3:57:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/7/2023 3:57:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/7/2023 3:57:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/6/2023 5:06:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/7/2023 3:57:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/7/2023 3:57:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/7/2023 3:57:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/7/2023 3:57:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/7/2023 3:57:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/7/2023 3:57:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/6/2023 5:06:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/6/2023 5:06:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/6/2023 5:06:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/6/2023 5:06:00 AM	Benzo(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Benzo(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Benzo(a)anthracene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/6/2023 5:06:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/6/2023 5:06:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/6/2023 5:06:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/6/2023 5:06:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	3.3	µg/L	EPA 625.1	2.3	5	WKL	R
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/6/2023 5:06:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/6/2023 5:06:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/6/2023 5:06:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/6/2023 5:06:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/6/2023 5:06:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/6/2023 5:06:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/6/2023 5:06:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/7/2023 3:57:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/6/2023 5:06:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/11/2022 9:02:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/11/2022 9:02:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/11/2022 9:02:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/11/2022 9:02:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/11/2022 9:02:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/11/2022 9:02:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/11/2022 9:02:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/11/2022 9:02:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/11/2022 9:02:00 AM	DCPA (Dacthal)	n/a	=	0.27	µg/L	EPA 515.4	0.029	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/11/2022 9:02:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/11/2022 9:02:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	EST-MSRPD

Appendix G  
Laboratory 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	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/11/2022 9:02:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Fensulfthion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/6/2022 1:59:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Malathion	n/a	=	0.024	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	Metolachlor	n/a	DNQ	0.046	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/7/2023 3:57:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/11/2022 9:02:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	1/4/2023 8:53:00 PM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/11/2022 9:02:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	Prometryn	n/a	=	0.24	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/27/2022 11:17:00 PM	Toxaphene	n/a	<	1.2	µg/L	EPA 608.3	1.2	2.5	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/13/2022 3:10:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	
ME-CC	2022/23-2	Wet	12/3/2022 7:25:00 AM	12/17/2022 3:57:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-CC	2022/23-4	Wet	2/24/2023 11:45:00 AM	2/25/2023 11:20:00 AM	E. Coli	n/a	=	3255	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-CC	2022/23-4	Wet	2/24/2023 11:45:00 AM	2/25/2023 11:20:00 AM	Total Coliform	n/a	=	547500	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
ME-CC	2022/23-4	Wet	2/24/2023 11:45:00 AM	2/24/2023 11:45:00 AM	Conductivity	n/a	=	667	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2022/23-4	Wet	2/24/2023 11:45:00 AM	3/10/2023 2:57:00 PM	Cyanide	Total	DNQ	0.0016	mg/L	ASTM D7511	0.0006	0.002	WKL	
ME-CC	2022/23-4	Wet	2/24/2023 11:45:00 AM	2/24/2023 11:45:00 AM	DO	n/a	=	8.93	mg/L	Field Meter	-88	0.3	Field Crew	
ME-CC	2022/23-4	Wet	2/24/2023 11:45:00 AM	2/24/2023 11:45:00 AM	DO	n/a	=	82.6	%	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	2022/23-4	Wet	2/24/2023 11:45:00 AM	2/24/2023 11:45:00 AM	pH	n/a	=	7.84	pH Units	Field Meter	-88	0.01	Field Crew	
ME-CC	2022/23-4	Wet	2/24/2023 11:45:00 AM	2/24/2023 11:45:00 AM	Salinity	n/a	=	400	mg/L	Field Meter	-88	100	Field Crew	
ME-CC	2022/23-4	Wet	2/24/2023 11:45:00 AM	2/24/2023 11:45:00 AM	Specific Conductance	n/a	=	887	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2022/23-4	Wet	2/24/2023 11:45:00 AM	2/24/2023 11:45:00 AM	Temperature	n/a	=	12	°C	Field Meter	-88	0.1	Field Crew	
ME-CC	2022/23-4	Wet	2/24/2023 11:45:00 AM	3/1/2023 12:15:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
ME-CC	2022/23-4	Wet	2/24/2023 11:45:00 AM	3/24/2023 9:21:00 AM	Oil and Grease	n/a	DNQ	0.8	mg/L	EPA 1664B	0.6	4	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/6/2023 10:57:00 PM	Chloride	n/a	=	31	mg/L	EPA 300.0	0.38	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/6/2023 10:57:00 PM	Fluoride	n/a	DNQ	0.15	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/8/2023 7:53:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/10/2023 6:44:00 PM	Calcium	Total	=	27.2	mg/L	EPA 200.7	0.0736	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/10/2023 6:44:00 PM	Magnesium	Total	=	13.2	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/2/2023 1:26:00 PM	Alkalinity as CaCO3	n/a	=	71	mg/L	SM 2320 B	1.9	5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/3/2023 1:12:00 PM	BOD	n/a	=	5.9	mg/L	SM 5210 B	2	2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/13/2023 6:25:00 AM	COD	n/a	=	30	mg/L	EPA 410.4	2.9	5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/10/2023 6:44:00 PM	Hardness as CaCO3	Total	=	122	mg/L	EPA 200.7	0.344	3.31	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	2/26/2023 3:31:00 PM	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/15/2023 3:40:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/8/2023 10:22:00 AM	Specific Conductance	n/a	=	360	µmhos/cm	SM 2510 B	1.1	2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	2/26/2023 1:37:00 PM	Total Chlorine Residual	n/a	<	0.031	mg/L	SM 4500-Cl G	0.031	0.05	WKL	LB-LCSR
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/2/2023 12:22:00 PM	Total Dissolved Solids	n/a	=	210	mg/L	SM 2540 C	4	10	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/2/2023 12:49:00 AM	Total Organic Carbon	n/a	=	5	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/2/2023 5:25:00 AM	Total Suspended Solids	n/a	=	540	mg/L	SM 2540 D	-88	5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	2/26/2023 5:06:00 PM	Turbidity	n/a	=	380	NTU	EPA 180.1	0.17	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/2/2023 5:22:00 PM	Volatile Suspended Solids	n/a	=	83	mg/L	EPA 160.4	3.1	5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 11:41:00 AM	Diesel Range Organics	n/a	=	0.15	mg/L	EPA 8015B	0.072	0.1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 11:41:00 AM	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:52:00 PM	Aluminum	Dissolved	DNQ	15	µg/L	EPA 200.8	4.4	20	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 4:04:00 PM	Aluminum	Total	=	8300	µg/L	EPA 200.8	8.9	40	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:52:00 PM	Antimony	Dissolved	DNQ	0.39	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:55:00 PM	Antimony	Total	DNQ	0.49	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:52:00 PM	Arsenic	Dissolved	=	1.8	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:55:00 PM	Arsenic	Total	=	4	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:55:00 PM	Barium	Total	=	63	µg/L	EPA 200.8	0.14	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:52:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:55:00 PM	Beryllium	Total	=	0.31	µg/L	EPA 200.8	0.029	0.1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:52:00 PM	Cadmium	Dissolved	DNQ	0.084	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:55:00 PM	Cadmium	Total	=	0.56	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:52:00 PM	Chromium	Dissolved	=	1.6	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:55:00 PM	Chromium	Total	=	21	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/6/2023 7:33:00 PM	Chromium VI	n/a	=	0.32	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:52:00 PM	Copper	Dissolved	=	2.8	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:52:00 PM	Copper	Total	=	15	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:52:00 PM	Iron	Dissolved	=	36	µg/L	EPA 200.8	3.9	20	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 4:04:00 PM	Iron	Total	=	11000	µg/L	EPA 200.8	7.9	40	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:52:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:55:00 PM	Lead	Total	=	5.3	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/7/2023 1:17:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/7/2023 1:19:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:52:00 PM	Nickel	Dissolved	=	3.1	µg/L	EPA 200.8	0.16	2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:55:00 PM	Nickel	Total	=	18	µg/L	EPA 200.8	0.4	2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:52:00 PM	Selenium	Dissolved	=	0.5	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:55:00 PM	Selenium	Total	=	0.79	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:52:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:55:00 PM	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:52:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:55:00 PM	Thallium	Total	DNQ	0.082	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:52:00 PM	Zinc	Dissolved	DNQ	4	µg/L	EPA 200.8	1.7	10	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/9/2023 12:55:00 PM	Zinc	Total	=	50	µg/L	EPA 200.8	1.7	10	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/13/2023 12:50:00 PM	Ammonia as N	n/a	=	0.1	mg/L	EPA 350.1	0.017	0.1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/8/2023 3:41:00 PM	Nitrate + Nitrite as N	n/a	=	1.4	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	2/27/2023 2:29:00 PM	Nitrate as N	n/a	=	1.3	mg/L	EPA 353.2	0.04	0.2	WKL	EST-HT
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/10/2023 6:41:00 PM	Phosphorus as P	Dissolved	=	0.44	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/10/2023 6:44:00 PM	Phosphorus as P	Total	=	0.93	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/21/2023 5:17:00 PM	TKN	n/a	=	1.8	mg/L	EPA 351.2	0.065	0.1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/30/2023 9:51:00 PM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	LB-LCSR
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/13/2023 11:48:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/13/2023 11:48:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/13/2023 11:48:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/13/2023 11:48:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/13/2023 11:48:00 PM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/13/2023 11:48:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/30/2023 9:51:00 PM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	LB-LCSR
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/13/2023 11:48:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/13/2023 11:48:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/13/2023 11:48:00 PM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/13/2023 11:48:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/13/2023 11:48:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/13/2023 11:48:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/30/2023 9:51:00 PM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/30/2023 9:51:00 PM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/30/2023 9:51:00 PM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/30/2023 9:51:00 PM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/30/2023 9:51:00 PM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/30/2023 9:51:00 PM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/30/2023 9:51:00 PM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/30/2023 9:51:00 PM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/30/2023 9:51:00 PM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/30/2023 9:51:00 PM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Diethyl phthalate	n/a	=	3.5	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/30/2023 9:51:00 PM	Fluoranthene	n/a	DNQ	0.054	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/30/2023 9:51:00 PM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/30/2023 9:51:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/30/2023 9:51:00 PM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/30/2023 9:51:00 PM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/13/2023 11:48:00 PM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/30/2023 9:51:00 PM	Pyrene	n/a	DNQ	0.051	µg/L	EPA 8270C	0.04	0.1	WKL	UL-MB
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	PCB Aroclor 1221	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	PCB Aroclor 1232	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	PCB Aroclor 1242	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	PCB Aroclor 1248	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	PCB Aroclor 1254	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	PCB Aroclor 1260	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 12:44:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 12:44:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 12:44:00 AM	2,4-D	n/a	DNQ	0.21	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 12:44:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 12:44:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	4,4'-DDE	n/a	DNQ	0.011	µg/L	EPA 608.3	0.009	0.25	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 12:44:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 12:44:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 12:44:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 12:44:00 AM	DCPA (Dacthal)	n/a	=	1.7	µg/L	EPA 515.4	0.029	0.1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 12:44:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 12:44:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 12:44:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	LB-LCSR
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	Endosulfan sulfate	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.25	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Fensulfthion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/4/2023 1:46:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	LB-MSR
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Malathion	n/a	=	0.024	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	Metolachlor	n/a	DNQ	0.38	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 12:44:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	4/1/2023 1:47:00 PM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/13/2023 11:48:00 PM	Pentachlorophenol	n/a	DNQ	0.6	µg/L	EPA 8270C	0.15	1	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 12:44:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	Prometryn	n/a	DNQ	0.28	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	Simazine	n/a	DNQ	0.42	µg/L	EPA 525.2	0.1	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/16/2023 9:08:00 AM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 11:31:00 AM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
ME-CC	2022/23-4	Wet	2/25/2023 6:25:00 AM	3/14/2023 2:58:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/20/2023 9:13:00 PM	Chloride	n/a	=	210	mg/L	EPA 300.0	0.57	1.5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/20/2023 12:30:00 PM	Fluoride	n/a	=	0.42	mg/L	EPA 300.0	0.009	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/24/2023 2:53:00 AM	Perchlorate	n/a	DNQ	0.69	µg/L	EPA 314.0	0.39	2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/17/2023 4:10:00 PM	E. Coli	n/a	=	86	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/17/2023 4:10:00 PM	Total Coliform	n/a	=	15331	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/25/2023 7:42:00 PM	Calcium	Total	=	105	mg/L	EPA 200.7	0.0736	0.5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/25/2023 7:42:00 PM	Magnesium	Total	=	68.8	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/22/2023 7:07:00 PM	Alkalinity as CaCO3	n/a	=	290	mg/L	SM 2320 B	1.9	5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/22/2023 5:26:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 2:02:00 PM	COD	n/a	=	20	mg/L	EPA 410.4	2.9	5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/16/2023 11:05:00 AM	Conductivity	n/a	=	1689	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/23/2023 3:43:00 PM	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/16/2023 11:05:00 AM	DO	n/a	=	8.51	mg/L	Field Meter	-88	0.3	Field Crew	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/16/2023 11:05:00 AM	DO	n/a	=	94.6	%	Field Meter	-88	0.1	Field Crew	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/25/2023 7:42:00 PM	Hardness as CaCO3	Total	=	545	mg/L	EPA 200.7	0.344	3.31	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/17/2023 11:05:00 AM	MBAS	n/a	DNQ	0.025	mg/L	SM 5540 C	0.023	0.05	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/16/2023 11:05:00 AM	pH	n/a	=	8.09	pH Units	Field Meter	-88	0.01	Field Crew	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/24/2023 2:23:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/16/2023 11:05:00 AM	Salinity	n/a	=	900	mg/L	Field Meter	-88	100	Field Crew	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/6/2023 4:40:00 PM	Specific Conductance	n/a	=	1700	µmhos/cm	SM 2510 B	3.2	6	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/16/2023 11:05:00 AM	Specific Conductance	n/a	=	1863	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/16/2023 11:05:00 AM	Temperature	n/a	=	20	°C	Field Meter	-88	0.1	Field Crew	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/17/2023 4:22:00 PM	Total Chlorine Residual	n/a	DNQ	0.035	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/18/2023 11:51:00 AM	Total Dissolved Solids	n/a	=	1100	mg/L	SM 2540 C	4	10	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/30/2023 3:09:00 PM	Total Organic Carbon	n/a	=	4.3	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/18/2023 4:06:00 PM	Total Suspended Solids	n/a	=	7	mg/L	SM 2540 D	-88	5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/17/2023 6:54:00 PM	Turbidity	n/a	=	2	NTU	EPA 180.1	0.017	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/18/2023 4:06:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/22/2023 8:12:00 PM	Diesel Range Organics	n/a	=	0.11	mg/L	EPA 8015B	0.072	0.1	WKL	EST-HT
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/17/2023 9:35:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/18/2023 3:01:00 PM	Oil and Grease	n/a	DNQ	1.3	mg/L	EPA 1664B	0.6	4	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/22/2023 8:12:00 PM	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5	WKL	EST-HT
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:37:00 AM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:40:00 AM	Aluminum	Total	=	250	µg/L	EPA 200.8	4.4	20	WKL	HB-MSR
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:37:00 AM	Antimony	Dissolved	DNQ	0.36	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:40:00 AM	Antimony	Total	DNQ	0.37	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:37:00 AM	Arsenic	Dissolved	=	3.7	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:40:00 AM	Arsenic	Total	=	3.7	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:40:00 AM	Barium	Total	=	39	µg/L	EPA 200.8	0.14	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:37:00 AM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:40:00 AM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:37:00 AM	Cadmium	Dissolved	DNQ	0.092	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:40:00 AM	Cadmium	Total	DNQ	0.11	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:37:00 AM	Chromium	Dissolved	=	0.59	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:40:00 AM	Chromium	Total	=	1.3	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/25/2023 8:05:00 PM	Chromium VI	n/a	=	0.59	µg/L	EPA 218.6	0.0079	0.02	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:37:00 AM	Copper	Dissolved	=	1.6	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:40:00 AM	Copper	Total	=	1.9	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:37:00 AM	Iron	Dissolved	DNQ	6.2	µg/L	EPA 200.8	3.9	20	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:40:00 AM	Iron	Total	=	320	µg/L	EPA 200.8	3.9	20	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:37:00 AM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:40:00 AM	Lead	Total	DNQ	0.16	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/24/2023 12:56:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/24/2023 12:58:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:37:00 AM	Nickel	Dissolved	=	4.5	µg/L	EPA 200.8	0.16	2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:40:00 AM	Nickel	Total	=	5.3	µg/L	EPA 200.8	0.4	2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:37:00 AM	Selenium	Dissolved	=	2.3	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:40:00 AM	Selenium	Total	=	2.4	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:37:00 AM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:40:00 AM	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:37:00 AM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:40:00 AM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:37:00 AM	Zinc	Dissolved	DNQ	4.4	µg/L	EPA 200.8	1.7	10	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:40:00 AM	Zinc	Total	DNQ	6.2	µg/L	EPA 200.8	1.7	10	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/24/2023 3:35:00 PM	Ammonia as N	n/a	DNQ	0.025	mg/L	EPA 350.1	0.017	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/17/2023 5:15:00 PM	Nitrate + Nitrite as N	n/a	=	8.8	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/17/2023 5:15:00 PM	Nitrate as N	n/a	=	8.7	mg/L	EPA 353.2	0.04	0.2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/25/2023 7:39:00 PM	Phosphorus as P	Dissolved	=	1.4	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/25/2023 7:42:00 PM	Phosphorus as P	Total	=	1.4	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/6/2023 5:57:00 PM	TKN	n/a	<	0.065	mg/L	EPA 351.2	0.065	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/8/2023 2:13:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 7:19:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 7:19:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 7:19:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 7:19:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	2,4-Dinitrophenol	n/a	<	4.4	µg/L	EPA 625.1	4.4	10	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 7:19:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 7:19:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/8/2023 2:13:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 7:19:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 7:19:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 7:19:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 7:19:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 7:19:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 7:19:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/8/2023 2:13:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/8/2023 2:13:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/8/2023 2:13:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Benz(a)anthracene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/8/2023 2:13:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Benidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Benzo(a)pyrene	n/a	<	0.82	µg/L	EPA 625.1	0.82	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/8/2023 2:13:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	Benzo(a)pyrene	n/a	<	0.045	µg/L	EPA 525.2	0.045	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/8/2023 2:13:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/8/2023 2:13:00 AM	Benzo(e)pyrene	n/a	<	0.055	µg/L	EPA 8270C	0.055	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/8/2023 2:13:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Benzo(k)fluoranthene	n/a	<	0.72	µg/L	EPA 625.1	0.72	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/8/2023 2:13:00 AM	Benzo(k)fluoranthene	n/a	<	0.059	µg/L	EPA 8270C	0.059	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	LB-LCSR
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.38	µg/L	EPA 525.2	0.38	5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	11	µg/L	EPA 625.1	2.3	5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/8/2023 2:13:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Dibenz(a,h)anthracene	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/8/2023 2:13:00 AM	Dibenz(a,h)anthracene	n/a	<	0.081	µg/L	EPA 8270C	0.081	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Diethyl phthalate	n/a	DNQ	0.84	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/8/2023 2:13:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/8/2023 2:13:00 AM	Fluorene	n/a	DNQ	0.032	µg/L	EPA 8270C	0.029	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.66	µg/L	EPA 625.1	0.66	2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/8/2023 2:13:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/8/2023 2:13:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/8/2023 2:13:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Phenol	n/a	<	0.17	µg/L	EPA 625.1	0.17	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 11:05:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/8/2023 2:13:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	PCB Aroclor 1016	n/a	<	0.37	µg/L	EPA 608.3	0.37	2.5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	PCB Aroclor 1221	n/a	<	0.12	µg/L	EPA 608.3	0.12	2.5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	PCB Aroclor 1232	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	PCB Aroclor 1242	n/a	<	0.48	µg/L	EPA 608.3	0.48	2.5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	PCB Aroclor 1248	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	2.5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	PCB Aroclor 1260	n/a	<	0.28	µg/L	EPA 608.3	0.28	2.5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 4:10:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 4:10:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 515.4	0.2	0.2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 4:10:00 AM	2,4-D	n/a	=	8	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 4:10:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 4:10:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 4:10:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	Alachlor	n/a	<	0.063	µg/L	EPA 525.2	0.063	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	alpha-BHC	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	Atrazine	n/a	<	0.042	µg/L	EPA 525.2	0.042	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 12:47:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 4:10:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 12:47:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	Bromacil	n/a	<	0.24	µg/L	EPA 525.2	0.24	0.5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	Butachlor	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 12:47:00 AM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 12:47:00 AM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 4:10:00 AM	Dalapon	n/a	DNQ	0.3	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 4:10:00 AM	DCPA (Dacthal)	n/a	=	0.2	µg/L	EPA 515.4	0.029	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 12:47:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 12:47:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	LB-LCSR
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 12:47:00 AM	Diazinon	n/a	DNQ	0.0069	µg/L	EPA 625.1m	0.0034	0.01	WKL	LB-LCSR
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 4:10:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 4:10:00 AM	Dichlorprop	n/a	=	1	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 11:37:00 AM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 12:47:00 AM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	Dimethoate	n/a	<	0.041	µg/L	EPA 525.2	0.041	0.2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 11:37:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 12:47:00 AM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	LB-LCSR
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	Disulfoton	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	Endosulfan sulfate	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.25	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 12:47:00 AM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	LB-LCSR
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 12:47:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 12:47:00 AM	Fensulfathion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 12:47:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	LB-LCSR
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/30/2023 8:25:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 12:47:00 AM	Malathion	n/a	DNQ	0.0038	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 12:47:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 12:47:00 AM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 11:37:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 12:47:00 AM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 4:10:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/12/2023 1:47:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/26/2023 7:19:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 12:47:00 AM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 4:10:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	Prometryn	n/a	DNQ	0.078	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 12:47:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	Simazine	n/a	<	0.058	µg/L	EPA 525.2	0.058	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 12:47:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	LB-LCSR
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	Thiobencarb	n/a	<	0.069	µg/L	EPA 525.2	0.069	0.1	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 12:47:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/7/2023 11:37:00 PM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	5/27/2023 12:47:00 AM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
ME-CC	2022/23-6	Dry	5/16/2023 11:05:00 AM	6/5/2023 9:10:00 PM	Trithion	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/23/2022 2:04:00 AM	Chloride	n/a	=	77	mg/L	EPA 300.0	0.38	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/23/2022 2:04:00 AM	Fluoride	n/a	=	0.45	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/21/2022 5:46:00 AM	Perchlorate	n/a	<	2	µg/L	EPA 314.0	2	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/29/2022 7:56:00 PM	Calcium	Total	=	769	mg/L	EPA 200.7	0.468	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/29/2022 6:49:00 PM	Magnesium	Total	=	334	mg/L	EPA 200.7	0.078	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 10:22:00 AM	Alkalinity as CaCO3	n/a	=	160	mg/L	SM 2320 B	1.9	5	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/17/2022 3:06:00 PM	BOD	n/a	=	11	mg/L	SM 5210 B	2	2	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 10:16:00 AM	COD	n/a	=	3000	mg/L	EPA 410.4	12	20	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/29/2022 7:56:00 PM	Hardness as CaCO3	Total	=	3300	mg/L	EPA 200.7	1.49	29.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/12/2022 6:29:00 PM	MBAS	n/a	=	0.05	mg/L	SM 5540 C	0.023	0.05	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/21/2022 5:08:00 PM	Phenolics	n/a	=	0.035	mg/L	EPA 420.4	0.0068	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/21/2022 11:32:00 AM	Specific Conductance	n/a	=	1700	µmhos/cm	SM 2510 B	2.1	4	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/14/2022 12:30:00 PM	Total Dissolved Solids	n/a	=	1200	mg/L	SM 2540 C	4	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/17/2022 3:26:00 AM	Total Organic Carbon	n/a	=	7.7	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/15/2022 4:26:00 PM	Total Suspended Solids	n/a	=	6100	mg/L	SM 2540 D	-88	5	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/12/2022 5:21:00 PM	Turbidity	n/a	=	16000	NTU	EPA 180.1	8.5	50	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/15/2022 4:26:00 PM	Volatile Suspended Solids	n/a	=	530	mg/L	EPA 160.4	3.1	5	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/9/2023 5:59:00 PM	Diesel Range Organics	n/a	=	0.17	mg/L	EPA 8015B	0.072	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/9/2023 5:59:00 PM	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:48:00 PM	Aluminum	Dissolved	DNQ	6.2	µg/L	EPA 200.8	4.4	20	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 2:52:00 PM	Aluminum	Total	=	400000	µg/L	EPA 200.8	890	4000	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:48:00 PM	Antimony	Dissolved	DNQ	0.26	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:50:00 PM	Antimony	Total	DNQ	0.47	µg/L	EPA 200.8	0.18	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:48:00 PM	Arsenic	Dissolved	=	0.41	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:50:00 PM	Arsenic	Total	=	130	µg/L	EPA 200.8	0.15	0.8	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 2:46:00 PM	Barium	Total	=	4600	µg/L	EPA 200.8	2.8	20	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:48:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:50:00 PM	Beryllium	Total	=	30	µg/L	EPA 200.8	0.057	0.2	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:48:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:50:00 PM	Cadmium	Total	=	29	µg/L	EPA 200.8	0.084	0.4	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:48:00 PM	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 2:46:00 PM	Chromium	Total	=	580	µg/L	EPA 200.8	1.8	4	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/12/2022 6:40:00 PM	Chromium VI	n/a	<	0.079	µg/L	EPA 218.6	0.079	0.2	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:48:00 PM	Copper	Dissolved	=	2.1	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 2:46:00 PM	Copper	Total	=	830	µg/L	EPA 200.8	4.6	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:48:00 PM	Iron	Dissolved	DNQ	11	µg/L	EPA 200.8	3.9	20	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 2:52:00 PM	Iron	Total	=	940000	µg/L	EPA 200.8	790	4000	WKL	

Appendix G  
Laboratory 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	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:48:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:50:00 PM	Lead	Total	=	380	µg/L	EPA 200.8	0.17	0.4	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/29/2022 4:31:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/29/2022 4:33:00 PM	Mercury	Total	=	1400	ng/L	EPA 245.1	74	100	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:48:00 PM	Nickel	Dissolved	=	3.3	µg/L	EPA 200.8	0.16	2	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 2:46:00 PM	Nickel	Total	=	1000	µg/L	EPA 200.8	8.1	40	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:48:00 PM	Selenium	Dissolved	=	3.6	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:50:00 PM	Selenium	Total	=	15	µg/L	EPA 200.8	0.13	0.8	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:48:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:48:00 PM	Silver	Total	=	4.2	µg/L	EPA 200.8	0.11	0.4	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:48:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:50:00 PM	Thallium	Total	=	8.6	µg/L	EPA 200.8	0.042	0.4	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:48:00 PM	Zinc	Dissolved	<	0.8	µg/L	EPA 200.8	0.8	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:48:00 PM	Zinc	Total	=	2400	µg/L	EPA 200.8	3.3	20	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/15/2022 3:59:00 PM	Ammonia as N	n/a	=	0.36	mg/L	EPA 350.1	0.017	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/21/2022 5:26:00 PM	Nitrate + Nitrite as N	n/a	=	1.8	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/29/2022 6:46:00 PM	Phosphorus as P	Dissolved	DNQ	0.02	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/29/2022 6:49:00 PM	Phosphorus as P	Total	=	26	mg/L	EPA 200.7	0.036	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/23/2022 4:34:00 PM	TKN	n/a	=	43	mg/L	EPA 351.2	2.6	4	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/13/2023 6:20:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/9/2023 7:34:00 PM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/9/2023 7:34:00 PM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/9/2023 7:34:00 PM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	2,4-Dimethylphenol	n/a	<	7.6	µg/L	EPA 625.1	7.6	10	WKL	-LCSRPD, LB-L
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/9/2023 7:34:00 PM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	EST-LCSRPD
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/9/2023 7:34:00 PM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	2,4-Dinitrotoluene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/9/2023 7:34:00 PM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/13/2023 6:20:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/9/2023 7:34:00 PM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/9/2023 7:34:00 PM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	3,3'-Dichlorobenzidine	n/a	<	25	µg/L	EPA 625.1	25	50	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/9/2023 7:34:00 PM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/9/2023 7:34:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	5	µg/L	EPA 625.1	5	50	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/9/2023 7:34:00 PM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/9/2023 7:34:00 PM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/13/2023 6:20:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Acenaphthylene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/13/2023 6:20:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Anthracene	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/13/2023 6:20:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/13/2023 6:20:00 AM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Benzidine	n/a	<	32	µg/L	EPA 625.1	32	100	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/13/2023 6:20:00 AM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/13/2023 6:20:00 AM	Benzo(b)fluoranthene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/13/2023 6:20:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/13/2023 6:20:00 AM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.54	µg/L	EPA 525.2	0.42	5	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	69	µg/L	EPA 625.1	23	50	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Butyl benzyl phthalate	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/13/2023 6:20:00 AM	Chrysene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Dibenz(a,h)anthracene	n/a	<	1.5	µg/L	EPA 625.1	1.5	20	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/13/2023 6:20:00 AM	Dibenz(a,h)anthracene	n/a	<	0.36	µg/L	EPA 8270C	0.36	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Diethyl phthalate	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Di-n-butylphthalate	n/a	<	3.4	µg/L	EPA 625.1	3.4	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/13/2023 6:20:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Fluoranthene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/13/2023 6:20:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Hexachlorocyclopentadiene	n/a	<	3.1	µg/L	EPA 625.1	3.1	50	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/13/2023 6:20:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	20	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/13/2023 6:20:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/13/2023 6:20:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Phenol	n/a	<	8.1	µg/L	EPA 625.1	8.1	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/9/2023 7:34:00 PM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/13/2023 6:20:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:57:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:57:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:57:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:57:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:57:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	4,4'-DDD	n/a	<	0.027	µg/L	EPA 608.3	0.027	0.5	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	4,4'-DDE	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.5	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	4,4'-DDT	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:57:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:57:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:57:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:57:00 AM	DCPA (Dacthal)	n/a	=	0.87	µg/L	EPA 515.4	0.029	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	LB-LCSR
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:57:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:57:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	Dieldrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:57:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	Endosulfan I	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.2	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Fensulfthion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	gamma-BHC (Lindane)	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.2	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 12:57:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	Heptachlor	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2023 5:14:00 AM	Heptachlor epoxide	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:57:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/19/2023 9:07:00 PM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/9/2023 7:34:00 PM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/30/2022 12:57:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	1/5/2022 5:14:00 AM	Toxaphene	n/a	<	0.85	µg/L	EPA 608.3	0.85	5	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/16/2022 3:28:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 7:41:00 AM	12/22/2022 9:46:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 8:25:00 AM	12/12/2022 12:02:00 PM	E. Coli	n/a	=	7700	MPN/100 mL	SM 9223 B	-88	10	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 8:25:00 AM	12/12/2022 12:02:00 PM	Total Coliform	n/a	=	580000	MPN/100 mL	SM 9223 B	-88	1000	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 8:25:00 AM	12/11/2022 8:25:00 AM	Conductivity	n/a	=	387.8	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2022/23-3	Wet	12/11/2022 8:25:00 AM	12/14/2022 2:53:00 PM	Cyanide	Total	=	0.0066	mg/L	ASTM D7511	0.0006	0.002	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 8:25:00 AM	12/11/2022 8:25:00 AM	DO	n/a	=	108	%	Field Meter	-88	0.1	Field Crew	
ME-SCR	2022/23-3	Wet	12/11/2022 8:25:00 AM	12/11/2022 8:25:00 AM	DO	n/a	=	11.58	mg/L	Field Meter	-88	0.3	Field Crew	
ME-SCR	2022/23-3	Wet	12/11/2022 8:25:00 AM	12/11/2022 8:25:00 AM	pH	n/a	=	7.99	pH Units	Field Meter	-88	0.01	Field Crew	
ME-SCR	2022/23-3	Wet	12/11/2022 8:25:00 AM	12/11/2022 8:25:00 AM	Salinity	n/a	=	300	mg/L	Field Meter	-88	100	Field Crew	
ME-SCR	2022/23-3	Wet	12/11/2022 8:25:00 AM	12/11/2022 8:25:00 AM	Specific Conductance	n/a	=	515	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2022/23-3	Wet	12/11/2022 8:25:00 AM	12/11/2022 8:25:00 AM	Temperature	n/a	=	12	°C	Field Meter	-88	0.1	Field Crew	
ME-SCR	2022/23-3	Wet	12/11/2022 8:25:00 AM	12/12/2022 11:20:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
ME-SCR	2022/23-3	Wet	12/11/2022 8:25:00 AM	12/19/2022 2:28:00 PM	Oil and Grease	n/a	DNQ	3.1	mg/L	EPA 1664B	0.6	4	WKL	
ME-SCR	2022/23-4	Wet	2/24/2023 9:35:00 AM	2/25/2023 11:20:00 AM	E. Coli	n/a	=	2064	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-SCR	2022/23-4	Wet	2/24/2023 9:35:00 AM	2/25/2023 11:20:00 AM	Total Coliform	n/a	=	98040	MPN/100 mL	MMO-MUG	100	100	VCHCA	
ME-SCR	2022/23-4	Wet	2/24/2023 9:35:00 AM	2/24/2023 9:35:00 AM	Conductivity	n/a	=	827	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2022/23-4	Wet	2/24/2023 9:35:00 AM	3/10/2023 2:59:00 PM	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002	WKL	
ME-SCR	2022/23-4	Wet	2/24/2023 9:35:00 AM	2/24/2023 9:35:00 AM	DO	n/a	=	10.39	mg/L	Field Meter	-88	0.3	Field Crew	
ME-SCR	2022/23-4	Wet	2/24/2023 9:35:00 AM	2/24/2023 9:35:00 AM	DO	n/a	=	92.3	%	Field Meter	-88	0.1	Field Crew	
ME-SCR	2022/23-4	Wet	2/24/2023 9:35:00 AM	2/24/2023 9:35:00 AM	pH	n/a	=	7.92	pH Units	Field Meter	-88	0.01	Field Crew	
ME-SCR	2022/23-4	Wet	2/24/2023 9:35:00 AM	2/24/2023 9:35:00 AM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	
ME-SCR	2022/23-4	Wet	2/24/2023 9:35:00 AM	2/24/2023 9:35:00 AM	Specific Conductance	n/a	=	1162	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2022/23-4	Wet	2/24/2023 9:35:00 AM	2/24/2023 9:35:00 AM	Temperature	n/a	=	9.9	°C	Field Meter	-88	0.1	Field Crew	
ME-SCR	2022/23-4	Wet	2/24/2023 9:35:00 AM	3/1/2023 12:41:00 AM	Gasoline Range Organics	n/a	DNQ	0.072	mg/L	EPA 8260B	0.065	0.1	WKL	
ME-SCR	2022/23-4	Wet	2/24/2023 9:35:00 AM	3/24/2023 9:21:00 AM	Oil and Grease	n/a	DNQ	1.8	mg/L	EPA 1664B	0.7	4.8	WKL	
ME-SCR	2022/23-4	Wet	2/24/2023 9:35:00 AM	3/1/2023 6:50:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
ME-SCR	2022/23-4	Wet	2/24/2023 9:35:00 AM	3/1/2023 6:50:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/6/2023 11:15:00 PM	Chloride	n/a	=	37	mg/L	EPA 300.0	0.38	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/6/2023 11:15:00 PM	Fluoride	n/a	=	0.47	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/8/2023 8:20:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 6:56:00 PM	Calcium	Total	=	65.2	mg/L	EPA 200.7	0.0736	0.5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 6:56:00 PM	Magnesium	Total	=	24.8	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/2/2023 1:46:00 PM	Alkalinity as CaCO3	n/a	=	180	mg/L	SM 2320 B	1.9	5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/3/2023 1:15:00 PM	BOD	n/a	=	8	mg/L	SM 5210 B	2	2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/13/2023 10:26:00 AM	COD	n/a	=	34	mg/L	EPA 410.4	2.9	5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 6:56:00 PM	Hardness as CaCO3	Total	=	265	mg/L	EPA 200.7	0.344	3.31	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	2/26/2023 3:32:00 PM	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/15/2023 3:42:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/8/2023 10:24:00 AM	Specific Conductance	n/a	=	1100	µmhos/cm	SM 2510 B	1.1	2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/2/2023 12:22:00 PM	Total Dissolved Solids	n/a	=	800	mg/L	SM 2540 C	4	10	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/2/2023 1:08:00 PM	Total Organic Carbon	n/a	=	4.3	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/2/2023 5:22:00 PM	Total Suspended Solids	n/a	=	12000	mg/L	SM 2540 D	-88	5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	2/26/2023 5:06:00 PM	Turbidity	n/a	=	940	NTU	EPA 180.1	0.85	5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/2/2023 5:22:00 PM	Volatile Suspended Solids	n/a	=	720	mg/L	EPA 160.4	3.1	5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 12:15:00 PM	Diesel Range Organics	n/a	DNQ	0.096	mg/L	EPA 8015B	0.072	0.1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 12:15:00 PM	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 12:57:00 PM	Aluminum	Dissolved	DNQ	4.6	µg/L	EPA 200.8	4.4	20	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 4:07:00 PM	Aluminum	Total	=	28000	µg/L	EPA 200.8	44	200	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 12:57:00 PM	Antimony	Dissolved	DNQ	0.28	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 1:00:00 PM	Antimony	Total	DNQ	0.51	µg/L	EPA 200.8	0.18	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 12:57:00 PM	Arsenic	Dissolved	=	0.74	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 1:00:00 PM	Arsenic	Total	=	11	µg/L	EPA 200.8	0.15	0.8	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 1:00:00 PM	Barium	Total	=	370	µg/L	EPA 200.8	0.28	2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 12:57:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 1:00:00 PM	Beryllium	Total	=	1.7	µg/L	EPA 200.8	0.057	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 12:57:00 PM	Cadmium	Dissolved	DNQ	0.056	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 1:00:00 PM	Cadmium	Total	=	1.6	µg/L	EPA 200.8	0.084	0.4	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 12:57:00 PM	Chromium	Dissolved	DNQ	0.1	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 1:00:00 PM	Chromium	Total	=	43	µg/L	EPA 200.8	0.18	0.4	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/6/2023 7:45:00 PM	Chromium VI	n/a	=	0.078	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 12:57:00 PM	Copper	Dissolved	=	1.7	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 1:00:00 PM	Copper	Total	=	41	µg/L	EPA 200.8	0.46	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 12:57:00 PM	Iron	Dissolved	DNQ	7.4	µg/L	EPA 200.8	3.9	20	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 4:07:00 PM	Iron	Total	=	43000	µg/L	EPA 200.8	39	200	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 12:57:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 1:00:00 PM	Lead	Total	=	19	µg/L	EPA 200.8	0.17	0.4	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/7/2023 1:25:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/7/2023 1:26:00 PM	Mercury	Total	<	74	ng/L	EPA 245.1	74	100	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 12:57:00 PM	Nickel	Dissolved	=	2.6	µg/L	EPA 200.8	0.16	2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 1:00:00 PM	Nickel	Total	=	48	µg/L	EPA 200.8	0.81	4	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 12:57:00 PM	Selenium	Dissolved	=	2.7	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 1:00:00 PM	Selenium	Total	=	3.9	µg/L	EPA 200.8	0.13	0.8	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 12:57:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 1:00:00 PM	Silver	Total	DNQ	0.19	µg/L	EPA 200.8	0.11	0.4	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 12:57:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 1:00:00 PM	Thallium	Total	=	0.51	µg/L	EPA 200.8	0.042	0.4	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 12:57:00 PM	Zinc	Dissolved	<	1.7	µg/L	EPA 200.8	1.7	10	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/9/2023 1:00:00 PM	Zinc	Total	=	140	µg/L	EPA 200.8	3.3	20	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/13/2023 12:51:00 PM	Ammonia as N	n/a	=	0.18	mg/L	EPA 350.1	0.017	0.1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/8/2023 3:42:00 PM	Nitrate + Nitrite as N	n/a	=	1.3	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 6:53:00 PM	Phosphorus as P	Dissolved	DNQ	0.044	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 6:56:00 PM	Phosphorus as P	Total	=	0.82	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/21/2023 5:19:00 PM	TKN	n/a	=	2	mg/L	EPA 351.2	0.26	0.4	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/30/2023 10:25:00 PM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	LB-LCSR
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 12:19:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 12:19:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 12:19:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 12:19:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 12:19:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 12:19:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/30/2023 10:25:00 PM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	LB-LCSR
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 12:19:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 12:19:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 12:19:00 AM	3-4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 12:19:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 12:19:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 12:19:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/30/2023 10:25:00 PM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/30/2023 10:25:00 PM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/30/2023 10:25:00 PM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/30/2023 10:25:00 PM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	Benzo(a)pyrene	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/30/2023 10:25:00 PM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/30/2023 10:25:00 PM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/30/2023 10:25:00 PM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/30/2023 10:25:00 PM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.85	µg/L	EPA 525.2	0.85	10	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.82	µg/L	EPA 525.2	0.82	6	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	10	µg/L	EPA 625.1	2.3	5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/30/2023 10:25:00 PM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/30/2023 10:25:00 PM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/30/2023 10:25:00 PM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/30/2023 10:25:00 PM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	Hexachlorocyclopentadiene	n/a	<	0.18	µg/L	EPA 525.2	0.18	2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/30/2023 10:25:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/30/2023 10:25:00 PM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/30/2023 10:25:00 PM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 12:19:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/30/2023 10:25:00 PM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	PCB Aroclor 1016	n/a	<	0.14	µg/L	EPA 608.3	0.14	2.5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	PCB Aroclor 1232	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	PCB Aroclor 1242	n/a	<	0.48	µg/L	EPA 608.3	0.48	2.5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	PCB Aroclor 1248	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	2.5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	PCB Aroclor 1260	n/a	<	0.28	µg/L	EPA 608.3	0.28	2.5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 1:10:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 1:10:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 1:10:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 1:10:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 1:10:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 1:10:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	Alachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	Atrazine	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 1:10:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	Bromacil	n/a	<	0.14	µg/L	EPA 525.2	0.14	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	Butachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	Captan	n/a	<	0.64	µg/L	EPA 525.2	0.64	2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	Chlorpropham	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 1:10:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 1:10:00 AM	DCPA (Dacthal)	n/a	=	0.13	µg/L	EPA 515.4	0.029	0.1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	Diazinon	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 1:10:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 1:10:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	Dimethoate	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.4	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 1:10:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	Diphenamid	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	LB-LCSR
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	EPTC	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Fensulfthion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/4/2023 1:59:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Malathion	n/a	DNQ	0.0041	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	Metribuzin	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	Molinate	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 12:19:00 AM	Pentachlorophenol	n/a	DNQ	0.55	µg/L	EPA 8270C	0.15	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	4/1/2023 2:17:00 PM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 1:10:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 1:10:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	Prometryn	n/a	DNQ	0.1	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	Simazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	Terbacil	n/a	<	0.18	µg/L	EPA 525.2	0.18	4	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	Thiobencarb	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/16/2023 9:39:00 AM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/10/2023 9:28:00 PM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
ME-SCR	2022/23-4	Wet	2/25/2023 5:34:00 AM	3/14/2023 3:24:00 PM	Triithion	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-SCR	2022/23-5	Wet	3/10/2023 8:15:00 AM	3/11/2023 1:05:00 PM	E. Coli	n/a	=	799	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-SCR	2022/23-5	Wet	3/10/2023 8:15:00 AM	3/11/2023 1:05:00 PM	Total Coliform	n/a	=	31300	MPN/100 mL	MMO-MUG	100	100	VCHCA	
ME-SCR	2022/23-5	Wet	3/10/2023 8:15:00 AM	3/10/2023 8:15:00 AM	Conductivity	n/a	=	720	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2022/23-5	Wet	3/10/2023 8:15:00 AM	3/14/2023 4:24:00 PM	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002	WKL	
ME-SCR	2022/23-5	Wet	3/10/2023 8:15:00 AM	3/10/2023 8:15:00 AM	DO	n/a	=	10.14	mg/L	Field Meter	-88	0.3	Field Crew	
ME-SCR	2022/23-5	Wet	3/10/2023 8:15:00 AM	3/10/2023 8:15:00 AM	DO	n/a	=	94.6	%	Field Meter	-88	0.1	Field Crew	
ME-SCR	2022/23-5	Wet	3/10/2023 8:15:00 AM	3/10/2023 8:15:00 AM	pH	n/a	=	7.95	pH Units	Field Meter	-88	0.01	Field Crew	
ME-SCR	2022/23-5	Wet	3/10/2023 8:15:00 AM	3/10/2023 8:15:00 AM	Salinity	n/a	=	500	mg/L	Field Meter	-88	100	Field Crew	
ME-SCR	2022/23-5	Wet	3/10/2023 8:15:00 AM	3/10/2023 8:15:00 AM	Specific Conductance	n/a	=	959	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2022/23-5	Wet	3/10/2023 8:15:00 AM	3/10/2023 8:15:00 AM	Temperature	n/a	=	11.9	°C	Field Meter	-88	0.1	Field Crew	
ME-SCR	2022/23-5	Wet	3/10/2023 8:15:00 AM	3/22/2023 8:04:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
ME-SCR	2022/23-5	Wet	3/10/2023 8:15:00 AM	4/3/2023 4:23:00 PM	Oil and Grease	n/a	=	46	mg/L	EPA 1664B	0.6	4	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/24/2023 3:02:00 AM	Chloride	n/a	=	17	mg/L	EPA 300.0	0.38	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/24/2023 3:02:00 AM	Fluoride	n/a	=	0.42	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/16/2023 3:22:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:29:00 PM	Calcium	Total	=	230	mg/L	EPA 200.7	0.147	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:29:00 PM	Magnesium	Total	=	98.4	mg/L	EPA 200.7	0.078	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/11/2023 4:20:00 PM	Alkalinity as CaCO3	n/a	=	160	mg/L	SM 2320 B	1.9	5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/17/2023 10:16:00 AM	BOD	n/a	=	2.5	mg/L	SM 5210 B	2	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 1:50:00 PM	COD	n/a	=	500	mg/L	EPA 410.4	2.9	5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:29:00 PM	Hardness as CaCO3	Total	=	980	mg/L	EPA 200.7	0.689	6.62	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/12/2023 3:19:00 PM	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/26/2023 1:59:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/14/2023 1:42:00 PM	Specific Conductance	n/a	=	800	µmhos/cm	SM 2510 B	1.1	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/16/2023 5:39:00 PM	Total Dissolved Solids	n/a	=	600	mg/L	SM 2540 C	4	10	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/15/2023 3:10:00 AM	Total Organic Carbon	n/a	=	3.9	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/16/2023 3:58:00 PM	Total Suspended Solids	n/a	=	5000	mg/L	SM 2540 D	-88	5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/11/2023 1:23:00 PM	Turbidity	n/a	=	180	NTU	EPA 180.1	0.68	4	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/16/2023 3:58:00 PM	Volatile Suspended Solids	n/a	=	440	mg/L	EPA 160.4	3.1	5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/21/2023 1:57:00 AM	Diesel Range Organics	n/a	DNQ	0.098	mg/L	EPA 8015B	0.072	0.1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/21/2023 1:57:00 AM	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:53:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 6:35:00 PM	Aluminum	Total	=	120000	µg/L	EPA 200.8	89	400	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:53:00 PM	Antimony	Dissolved	DNQ	0.27	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:56:00 PM	Antimony	Total	DNQ	0.6	µg/L	EPA 200.8	0.18	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:53:00 PM	Arsenic	Dissolved	=	0.56	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:56:00 PM	Arsenic	Total	=	49	µg/L	EPA 200.8	0.15	0.8	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:56:00 PM	Barium	Total	=	1100	µg/L	EPA 200.8	0.28	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:53:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:56:00 PM	Beryllium	Total	=	6.4	µg/L	EPA 200.8	0.057	0.2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:53:00 PM	Cadmium	Dissolved	DNQ	0.045	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:56:00 PM	Cadmium	Total	=	9.4	µg/L	EPA 200.8	0.084	0.4	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:53:00 PM	Chromium	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 6:35:00 PM	Chromium	Total	=	210	µg/L	EPA 200.8	1.8	4	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/22/2023 7:22:00 PM	Chromium VI	n/a	<	0.079	µg/L	EPA 218.6	0.079	0.2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:53:00 PM	Copper	Dissolved	=	1.8	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 6:35:00 PM	Copper	Total	=	210	µg/L	EPA 200.8	4.6	10	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:53:00 PM	Iron	Dissolved	DNQ	8.7	µg/L	EPA 200.8	3.9	20	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 8:15:00 PM	Iron	Total	=	220000	µg/L	EPA 200.8	160	800	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:53:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:56:00 PM	Lead	Total	=	85	µg/L	EPA 200.8	0.17	0.4	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/28/2023 2:37:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/28/2023 2:39:00 PM	Mercury	Total	=	450	ng/L	EPA 245.1	74	100	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:53:00 PM	Nickel	Dissolved	=	2	µg/L	EPA 200.8	0.16	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 6:35:00 PM	Nickel	Total	=	260	µg/L	EPA 200.8	8.1	40	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:53:00 PM	Selenium	Dissolved	=	3.3	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:56:00 PM	Selenium	Total	=	8.9	µg/L	EPA 200.8	0.13	0.8	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:53:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:56:00 PM	Silver	Total	=	0.91	µg/L	EPA 200.8	0.11	0.4	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:53:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:56:00 PM	Thallium	Total	=	2.4	µg/L	EPA 200.8	0.042	0.4	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:53:00 PM	Zinc	Dissolved	<	1.7	µg/L	EPA 200.8	1.7	10	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:56:00 PM	Zinc	Total	=	640	µg/L	EPA 200.8	3.3	20	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/20/2023 2:52:00 PM	Ammonia as N	n/a	=	0.26	mg/L	EPA 350.1	0.017	0.1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/15/2023 6:04:00 PM	Nitrate + Nitrite as N	n/a	=	0.99	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:26:00 PM	Phosphorus as P	Dissolved	DNQ	0.035	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/23/2023 5:29:00 PM	Phosphorus as P	Total	=	12	mg/L	EPA 200.7	0.036	0.1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/24/2023 2:36:00 PM	TKN	n/a	=	6.7	mg/L	EPA 351.2	0.65	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/4/2023 9:05:00 PM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/18/2023 4:19:00 AM	2,4,5-Trichlorophenol	n/a	<	0.33	µg/L	EPA 8270C	0.33	1.1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/18/2023 4:19:00 AM	2,4,6-Trichlorophenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1.1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/18/2023 4:19:00 AM	2,4-Dichlorophenol	n/a	<	0.57	µg/L	EPA 8270C	0.57	1.1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/18/2023 4:19:00 AM	2,4-Dimethylphenol	n/a	<	1.1	µg/L	EPA 8270C	1.1	2.2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/18/2023 4:19:00 AM	2,4-Dinitrophenol	n/a	<	1.1	µg/L	EPA 8270C	1.1	2.2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/18/2023 4:19:00 AM	2-Chlorophenol	n/a	<	0.73	µg/L	EPA 8270C	0.73	1.1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/4/2023 9:05:00 PM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/18/2023 4:19:00 AM	2-Methylphenol	n/a	<	0.38	µg/L	EPA 8270C	0.38	1.1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/18/2023 4:19:00 AM	2-Nitrophenol	n/a	<	0.8	µg/L	EPA 8270C	0.8	1.1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/18/2023 4:19:00 AM	3-/4-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1.1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/18/2023 4:19:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.16	µg/L	EPA 8270C	0.16	1.1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/18/2023 4:19:00 AM	4-Chloro-3-methylphenol	n/a	<	0.42	µg/L	EPA 8270C	0.42	1.1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/18/2023 4:19:00 AM	4-Nitrophenol	n/a	<	1.1	µg/L	EPA 8270C	1.1	2.2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/4/2023 9:05:00 PM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/4/2023 9:05:00 PM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/4/2023 9:05:00 PM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/4/2023 9:05:00 PM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Benzenzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	Benzo(a)pyrene	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/4/2023 9:05:00 PM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/4/2023 9:05:00 PM	Benzo(b)fluoranthene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/4/2023 9:05:00 PM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/4/2023 9:05:00 PM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	8.5	µg/L	EPA 525.2	8.5	100	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	8.2	µg/L	EPA 525.2	8.2	60	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/4/2023 9:05:00 PM	Chrysene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/4/2023 9:05:00 PM	Dibenz(a,h)anthracene	n/a	<	0.36	µg/L	EPA 8270C	0.36	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/4/2023 9:05:00 PM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/4/2023 9:05:00 PM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	Hexachlorocyclopentadiene	n/a	<	1.8	µg/L	EPA 525.2	1.8	20	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/4/2023 9:05:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/4/2023 9:05:00 PM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/4/2023 9:05:00 PM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/18/2023 4:19:00 AM	Phenol	n/a	<	0.39	µg/L	EPA 8270C	0.39	1.1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 2:08:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/4/2023 9:05:00 PM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	PCB Aroclor 1016	n/a	<	1.4	µg/L	EPA 608.3	1.4	25	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	PCB Aroclor 1221	n/a	<	3	µg/L	EPA 608.3	3	25	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	PCB Aroclor 1232	n/a	<	4.2	µg/L	EPA 608.3	4.2	25	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	PCB Aroclor 1242	n/a	<	4.8	µg/L	EPA 608.3	4.8	25	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	PCB Aroclor 1248	n/a	<	4.2	µg/L	EPA 608.3	4.2	25	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	PCB Aroclor 1254	n/a	<	2	µg/L	EPA 608.3	2	25	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	PCB Aroclor 1260	n/a	<	2.8	µg/L	EPA 608.3	2.8	25	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/26/2023 3:53:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/26/2023 3:53:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/26/2023 3:53:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/26/2023 3:53:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/26/2023 3:53:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	4,4'-DDD	n/a	<	0.14	µg/L	EPA 608.3	0.14	2.5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	4,4'-DDE	n/a	<	0.09	µg/L	EPA 608.3	0.09	2.5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	4,4'-DDT	n/a	<	0.14	µg/L	EPA 608.3	0.14	0.5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/26/2023 3:53:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	Alachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	Aldrin	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.25	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	alpha-BHC	n/a	<	0.055	µg/L	EPA 608.3	0.055	0.5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	alpha-Chlordane	n/a	<	0.14	µg/L	EPA 608.3	0.14	0.5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	Atrazine	n/a	<	0.22	µg/L	EPA 525.2	0.22	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/26/2023 3:53:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	beta-BHC	n/a	<	0.075	µg/L	EPA 608.3	0.075	0.25	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	Bromacil	n/a	<	1.4	µg/L	EPA 525.2	1.4	10	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	Butachlor	n/a	<	0.24	µg/L	EPA 525.2	0.24	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	Captan	n/a	<	6.4	µg/L	EPA 525.2	6.4	20	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	Chlordane (technical)	n/a	<	2.2	µg/L	EPA 608.3	2.2	5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	Chlorpropham	n/a	<	0.8	µg/L	EPA 525.2	0.8	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/26/2023 3:53:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/26/2023 3:53:00 AM	DCPA (Dacthal)	n/a	DNQ	0.068	µg/L	EPA 515.4	0.029	0.1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	delta-BHC	n/a	<	0.095	µg/L	EPA 608.3	0.095	0.25	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	Diazinon	n/a	<	0.44	µg/L	EPA 525.2	0.44	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/26/2023 3:53:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/26/2023 3:53:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	Dieldrin	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	Dimethoate	n/a	<	0.4	µg/L	EPA 525.2	0.4	4	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/26/2023 3:53:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	Diphenamid	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	Disulfoton	n/a	<	0.31	µg/L	EPA 525.2	0.31	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	Endosulfan I	n/a	<	0.095	µg/L	EPA 608.3	0.095	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	Endosulfan II	n/a	<	0.095	µg/L	EPA 608.3	0.095	0.5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	Endosulfan sulfate	n/a	<	0.065	µg/L	EPA 608.3	0.065	2.5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	Endrin	n/a	<	0.085	µg/L	EPA 608.3	0.085	0.5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	Endrin aldehyde	n/a	<	0.095	µg/L	EPA 608.3	0.095	0.5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	EPTC	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Fensulfothion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	gamma-BHC (Lindane)	n/a	<	0.075	µg/L	EPA 608.3	0.075	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	gamma-Chlordane	n/a	<	0.12	µg/L	EPA 608.3	0.12	0.5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/14/2023 1:25:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	Heptachlor	n/a	<	0.12	µg/L	EPA 608.3	0.12	0.5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	Heptachlor epoxide	n/a	<	0.09	µg/L	EPA 608.3	0.09	0.5	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	Metolachlor	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	Metribuzin	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	Molinate	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/18/2023 4:19:00 AM	Pentachlorophenol	n/a	<	0.17	µg/L	EPA 8270C	0.17	1.1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/10/2023 7:25:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/26/2023 3:53:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	3/26/2023 3:53:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	Prometryn	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Ronnel (Fenclorophos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	Simazine	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	Terbacil	n/a	<	1.8	µg/L	EPA 525.2	1.8	40	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	Thiobencarb	n/a	<	0.6	µg/L	EPA 525.2	0.6	2	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/9/2023 10:35:00 PM	Toxaphene	n/a	<	4.2	µg/L	EPA 608.3	4.2	25	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/1/2023 2:00:00 AM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
ME-SCR	2022/23-5	Wet	3/11/2023 7:25:00 AM	4/5/2023 9:38:00 PM	Trithion	n/a	<	0.4	µg/L	EPA 525.2	0.4	2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/23/2023 2:20:00 AM	Chloride	n/a	=	55	mg/L	EPA 300.0	0.38	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/23/2023 2:20:00 AM	Fluoride	n/a	=	0.48	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/24/2023 7:01:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/19/2023 1:15:00 PM	E. Coli	n/a	=	121	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/19/2023 1:15:00 PM	Total Coliform	n/a	=	9804	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 4:11:00 PM	Calcium	Total	=	103	mg/L	EPA 200.7	0.0736	0.5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 4:11:00 PM	Magnesium	Total	=	35.1	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/26/2023 3:34:00 PM	Alkalinity as CaCO3	n/a	=	190	mg/L	SM 2320 B	1.9	5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/24/2023 5:39:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/5/2023 2:08:00 PM	COD	n/a	=	20	mg/L	EPA 410.4	2.9	5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/18/2023 9:30:00 AM	Conductivity	n/a	=	921	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 5:10:00 PM	Cyanide	Total	DNQ	0.0015	mg/L	ASTM D7511	0.0006	0.002	WKL	UL-MB
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/18/2023 9:30:00 AM	DO	n/a	=	93.6	%	Field Meter	-88	0.1	Field Crew	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/18/2023 9:30:00 AM	DO	n/a	=	9	mg/L	Field Meter	-88	0.3	Field Crew	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 4:11:00 PM	Hardness as CaCO3	Total	=	401	mg/L	EPA 200.7	0.344	3.31	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/19/2023 6:24:00 PM	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/18/2023 9:30:00 AM	pH	n/a	=	8.17	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
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/6/2023 4:48:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/18/2023 9:30:00 AM	Salinity	n/a	=	500	mg/L	Field Meter	-88	100	Field Crew	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/18/2023 9:30:00 AM	Specific Conductance	n/a	=	1085	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/7/2023 3:08:00 PM	Specific Conductance	n/a	=	1000	µmhos/cm	SM 2510 B	1.1	2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/18/2023 9:30:00 AM	Temperature	n/a	=	17.1	°C	Field Meter	-88	0.1	Field Crew	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/22/2023 1:52:00 PM	Total Dissolved Solids	n/a	=	710	mg/L	SM 2540 C	4	10	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 11:56:00 PM	Total Organic Carbon	n/a	=	2.8	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/23/2023 12:05:00 PM	Total Suspended Solids	n/a	=	240	mg/L	SM 2540 D	-88	5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/19/2023 7:45:00 PM	Turbidity	n/a	=	160	NTU	EPA 180.1	0.085	0.5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/23/2023 12:05:00 PM	Volatile Suspended Solids	n/a	=	26	mg/L	EPA 160.4	3.1	5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/27/2023 7:04:00 PM	Diesel Range Organics	n/a	=	0.14	mg/L	EPA 8015B	0.072	0.1	WKL	EST-HT
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/1/2023 8:05:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.3	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/22/2023 5:08:00 PM	Oil and Grease	n/a	DNQ	2.2	mg/L	EPA 1664B	0.7	4.7	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/27/2023 7:04:00 PM	Oil Range Organics	n/a	DNQ	0.28	mg/L	EPA 8015B	0.22	0.5	WKL	EST-HT
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:28:00 PM	Aluminum	Dissolved	DNQ	12	µg/L	EPA 200.8	4.4	20	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:31:00 PM	Aluminum	Total	=	5900	µg/L	EPA 200.8	4.4	20	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:28:00 PM	Antimony	Dissolved	DNQ	0.33	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:31:00 PM	Antimony	Total	DNQ	0.42	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:28:00 PM	Arsenic	Dissolved	=	1.5	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:31:00 PM	Arsenic	Total	=	3.7	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:31:00 PM	Barium	Total	=	110	µg/L	EPA 200.8	0.14	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:28:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:31:00 PM	Beryllium	Total	=	0.24	µg/L	EPA 200.8	0.029	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:28:00 PM	Cadmium	Dissolved	DNQ	0.051	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:31:00 PM	Cadmium	Total	=	0.44	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:28:00 PM	Chromium	Dissolved	=	0.21	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:31:00 PM	Chromium	Total	=	9.6	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 7:10:00 PM	Chromium VI	n/a	=	1.8	µg/L	EPA 218.6	0.079	0.2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:28:00 PM	Copper	Dissolved	=	1.5	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:31:00 PM	Copper	Total	=	9.5	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:28:00 PM	Iron	Dissolved	DNQ	4.9	µg/L	EPA 200.8	3.9	20	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:31:00 PM	Iron	Total	=	9200	µg/L	EPA 200.8	3.9	20	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:28:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:31:00 PM	Lead	Total	=	3.5	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/24/2023 1:22:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/24/2023 1:24:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:28:00 PM	Nickel	Dissolved	DNQ	1.3	µg/L	EPA 200.8	0.16	2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:31:00 PM	Nickel	Total	=	9.6	µg/L	EPA 200.8	0.4	2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:28:00 PM	Selenium	Dissolved	=	2.4	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:31:00 PM	Selenium	Total	=	2.6	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:28:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:31:00 PM	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:28:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:31:00 PM	Thallium	Total	DNQ	0.092	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:28:00 PM	Zinc	Dissolved	<	1.7	µg/L	EPA 200.8	1.7	10	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 2:31:00 PM	Zinc	Total	=	25	µg/L	EPA 200.8	1.7	10	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 6:31:00 PM	Ammonia as N	n/a	DNQ	0.028	mg/L	EPA 350.1	0.017	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/19/2023 5:08:00 PM	Nitrate + Nitrite as N	n/a	=	1.4	mg/L	EPA 353.2	0.036	0.2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 4:08:00 PM	Phosphorus as P	Dissolved	=	0.076	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 4:11:00 PM	Phosphorus as P	Total	=	0.46	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 6:44:00 PM	TKN	n/a	=	0.67	mg/L	EPA 351.2	0.13	0.2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	LB-LCSR
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	LB-LCSR
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	LB-LCSR
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 7:20:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/21/2023 11:13:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/21/2023 11:13:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/21/2023 11:13:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/21/2023 11:13:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/21/2023 11:13:00 PM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	2,4-Dinitrophenol	n/a	<	4.4	µg/L	EPA 625.1	4.4	10	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	LB-LCSR
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/21/2023 11:13:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 7:20:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/21/2023 11:13:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/21/2023 11:13:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/21/2023 11:13:00 PM	3-4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/21/2023 11:13:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/21/2023 11:13:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/21/2023 11:13:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 7:20:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 7:20:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 7:20:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Benz(a)anthracene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 7:20:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Benzenidazole	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 11:32:00 AM	Benzo(a)pyrene	n/a	<	0.045	µg/L	EPA 525.2	0.045	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Benzo(a)pyrene	n/a	<	0.82	µg/L	EPA 625.1	0.82	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 7:20:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 7:20:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 7:20:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Benzo(k)fluoranthene	n/a	<	0.72	µg/L	EPA 625.1	0.72	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 7:20:00 AM	Benzo(k)fluoranthene	n/a	<	0.059	µg/L	EPA 8270C	0.059	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	LB-LCSR
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/13/2023 2:16:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.38	µg/L	EPA 525.2	0.38	5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	6	µg/L	EPA 625.1	2.3	5	WKL	UL-MB
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/13/2023 2:16:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 7:20:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 7:20:00 AM	Dibenz(a,h)anthracene	n/a	<	0.081	µg/L	EPA 8270C	0.081	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Dibenz(a,h)anthracene	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 7:20:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	LB-LCSR
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 7:20:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/13/2023 2:16:00 AM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Hexachlorocyclopentadiene	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	LB-LCSR
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.66	µg/L	EPA 625.1	0.66	2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 7:20:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 7:20:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 7:20:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Phenol	n/a	<	0.17	µg/L	EPA 625.1	0.17	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/21/2023 11:13:00 PM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 7:20:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	LB-LCSR
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	PCB Aroclor 1016	n/a	<	0.37	µg/L	EPA 608.3	0.37	2.5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	PCB Aroclor 1221	n/a	<	0.12	µg/L	EPA 608.3	0.12	2.5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	PCB Aroclor 1232	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	PCB Aroclor 1242	n/a	<	0.48	µg/L	EPA 608.3	0.48	2.5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	PCB Aroclor 1248	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	2.5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	PCB Aroclor 1260	n/a	<	0.28	µg/L	EPA 608.3	0.28	2.5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 8:56:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 8:56:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 8:56:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 8:56:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 8:56:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 8:56:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 11:32:00 AM	Alachlor	n/a	<	0.063	µg/L	EPA 525.2	0.063	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	alpha-BHC	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/13/2023 2:16:00 AM	Atrazine	n/a	<	0.042	µg/L	EPA 525.2	0.042	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 8:56:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 11:32:00 AM	Bromacil	n/a	<	0.24	µg/L	EPA 525.2	0.24	0.5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 11:32:00 AM	Butachlor	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/13/2023 2:16:00 AM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/13/2023 2:16:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 8:56:00 AM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 8:56:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 8:56:00 AM	DCPA (Dacthal)	n/a	DNQ	0.077	µg/L	EPA 515.4	0.029	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	LB-LCSR
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 11:32:00 AM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	LB-LCSR
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 8:56:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 8:56:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/13/2023 2:16:00 AM	Dimethoate	n/a	<	0.041	µg/L	EPA 525.2	0.041	0.2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 8:56:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/13/2023 2:16:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	LB-LCSR
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/13/2023 2:16:00 AM	Disulfoton	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	Endosulfan sulfate	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.25	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/13/2023 2:16:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	LB-LCSR
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Fensulfthion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	LB-LCSR
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/31/2023 12:47:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 11:32:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 11:32:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/13/2023 2:16:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/17/2023 1:26:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 8:56:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/21/2023 11:13:00 PM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 8:56:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 11:32:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 11:32:00 AM	Simazine	n/a	<	0.058	µg/L	EPA 525.2	0.058	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	LB-LCSR
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/13/2023 2:16:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 11:32:00 AM	Thiobencarb	n/a	<	0.069	µg/L	EPA 525.2	0.069	0.1	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/8/2023 2:09:00 AM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	5/27/2023 3:01:00 AM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
ME-SCR	2022/23-6	Dry	5/18/2023 9:30:00 AM	6/20/2023 11:32:00 AM	Trithion	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/8/2022 4:50:00 PM	11/9/2022 4:00:00 PM	E. Coli	n/a	=	2613	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2022/23-1	Wet	11/8/2022 4:50:00 PM	11/9/2022 4:00:00 PM	Total Coliform	n/a	=	298700	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
ME-VR2	2022/23-1	Wet	11/8/2022 4:50:00 PM	11/8/2022 4:50:00 PM	Conductivity	n/a	=	1005	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2022/23-1	Wet	11/8/2022 4:50:00 PM	11/18/2022 2:23:00 PM	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002	WKL	
ME-VR2	2022/23-1	Wet	11/8/2022 4:50:00 PM	11/8/2022 4:50:00 PM	DO	n/a	=	6.78	mg/L	Field Meter	-88	0.3	Field Crew	
ME-VR2	2022/23-1	Wet	11/8/2022 4:50:00 PM	11/8/2022 4:50:00 PM	DO	n/a	=	67.5	%	Field Meter	-88	0.1	Field Crew	
ME-VR2	2022/23-1	Wet	11/8/2022 4:50:00 PM	11/8/2022 4:50:00 PM	pH	n/a	=	7.5	pH Units	Field Meter	-88	0.01	Field Crew	
ME-VR2	2022/23-1	Wet	11/8/2022 4:50:00 PM	11/8/2022 4:50:00 PM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	
ME-VR2	2022/23-1	Wet	11/8/2022 4:50:00 PM	11/8/2022 4:50:00 PM	Specific Conductance	n/a	=	1236	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2022/23-1	Wet	11/8/2022 4:50:00 PM	11/8/2022 4:50:00 PM	Temperature	n/a	=	15.2	°C	Field Meter	-88	0.1	Field Crew	
ME-VR2	2022/23-1	Wet	11/8/2022 4:50:00 PM	11/17/2022 1:36:00 PM	Gasoline Range Organics	n/a	DNQ	0.074	mg/L	EPA 8260B	0.065	0.1	WKL	UL-MB, IPND

Appendix G  
Laboratory 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	2022/23-1	Wet	11/8/2022 4:50:00 PM	12/2/2022 11:08:00 AM	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4	WKL	
ME-VR2	2022/23-1	Wet	11/8/2022 4:50:00 PM	11/12/2022 9:37:00 AM	2-Chloroethyl vinyl ether	n/a	<	0.38	µg/L	EPA 624.1	0.38	2	WKL	DG
ME-VR2	2022/23-1	Wet	11/8/2022 4:50:00 PM	11/12/2022 9:37:00 AM	Methyl tert-butyl ether (MTBE)	n/a	<	0.8	µg/L	EPA 624.1	0.8	2	WKL	DG
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/12/2022 12:53:00 AM	Chloride	n/a	=	100	mg/L	EPA 300.0	0.38	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/12/2022 12:53:00 AM	Fluoride	n/a	=	0.43	mg/L	EPA 300.0	0.018	2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/11/2022 7:44:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 6:20:00 PM	Calcium	Total	=	138	mg/L	EPA 200.7	0.0234	0.5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 6:20:00 PM	Magnesium	Total	=	36.3	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/12/2022 9:25:00 AM	Alkalinity as CaCO3	n/a	=	290	mg/L	SM 2320 B	1.9	5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 11:34:00 AM	BOD	n/a	=	3.3	mg/L	SM 5210 B	2	2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/23/2022 4:43:00 PM	COD	n/a	<	2.9	mg/L	EPA 410.4	2.9	5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 6:20:00 PM	Hardness as CaCO3	Total	=	495	mg/L	EPA 200.7	0.219	3.31	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/10/2022 6:08:00 PM	MBAS	n/a	DNQ	0.042	mg/L	SM 5540 C	0.023	0.05	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/22/2022 11:30:00 AM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/23/2022 10:54:00 AM	Specific Conductance	n/a	=	1300	µmhos/cm	SM 2510 B	3.2	6	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/10/2022 3:26:00 PM	Total Chlorine Residual	n/a	<	0.031	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 12:02:00 PM	Total Dissolved Solids	n/a	=	960	mg/L	SM 2540 C	4	10	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 3:41:00 PM	Total Organic Carbon	n/a	=	4	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 2:03:00 PM	Total Suspended Solids	n/a	=	12	mg/L	SM 2540 D	-88	5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/10/2022 3:28:00 PM	Turbidity	n/a	=	4.7	NTU	EPA 180.1	0.017	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 2:03:00 PM	Volatile Suspended Solids	n/a	DNQ	4	mg/L	EPA 160.4	3.1	5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/1/2022 5:54:00 AM	Diesel Range Organics	n/a	DNQ	0.096	mg/L	EPA 8015B	0.072	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/1/2022 5:54:00 AM	Oil Range Organics	n/a	DNQ	0.25	mg/L	EPA 8015B	0.22	0.5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:08:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:11:00 PM	Aluminum	Total	=	210	µg/L	EPA 200.8	4.4	20	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:08:00 PM	Antimony	Dissolved	DNQ	0.096	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:11:00 PM	Antimony	Total	DNQ	0.11	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:08:00 PM	Arsenic	Dissolved	=	0.83	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:11:00 PM	Arsenic	Total	=	0.94	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:11:00 PM	Barium	Total	=	58	µg/L	EPA 200.8	0.14	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:08:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:11:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:08:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:11:00 PM	Cadmium	Total	DNQ	0.045	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:08:00 PM	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:11:00 PM	Chromium	Total	=	0.47	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 2:04:00 PM	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:08:00 PM	Copper	Dissolved	=	0.68	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:11:00 PM	Copper	Total	=	1.1	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:08:00 PM	Iron	Dissolved	=	81	µg/L	EPA 200.8	3.9	20	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:11:00 PM	Iron	Total	=	560	µg/L	EPA 200.8	3.9	20	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:08:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:11:00 PM	Lead	Total	=	0.21	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/17/2022 1:41:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/17/2022 1:42:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:08:00 PM	Nickel	Dissolved	=	3.3	µg/L	EPA 200.8	0.16	2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:11:00 PM	Nickel	Total	=	3.7	µg/L	EPA 200.8	0.16	2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:08:00 PM	Selenium	Dissolved	=	0.87	µg/L	EPA 200.8	0.067	0.4	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:11:00 PM	Selenium	Total	=	0.91	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:08:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:11:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:08:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:11:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:08:00 PM	Zinc	Dissolved	DNQ	1.7	µg/L	EPA 200.8	0.8	10	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 4:11:00 PM	Zinc	Total	DNQ	2.5	µg/L	EPA 200.8	1.7	10	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/17/2022 4:13:00 PM	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/10/2022 3:23:00 PM	Nitrate + Nitrite as N	n/a	=	0.26	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/10/2022 3:23:00 PM	Nitrate as N	n/a	=	0.26	mg/L	EPA 353.2	0.04	0.2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 6:17:00 PM	Phosphorus as P	Dissolved	=	0.051	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/15/2022 6:20:00 PM	Phosphorus as P	Total	=	0.096	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/6/2022 4:17:00 PM	TKN	n/a	=	0.27	mg/L	EPA 351.2	0.065	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/3/2022 5:30:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/10/2022 1:42:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/10/2022 1:42:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/10/2022 1:42:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	-LCSRPD, LB-L
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/10/2022 1:42:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	LB-LCSR
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/10/2022 1:42:00 PM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/10/2022 1:42:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/3/2022 5:30:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/10/2022 1:42:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/10/2022 1:42:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/10/2022 1:42:00 PM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/10/2022 1:42:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/10/2022 1:42:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/10/2022 1:42:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/3/2022 5:30:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/3/2022 5:30:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/3/2022 5:30:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/3/2022 5:30:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/3/2022 5:30:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/3/2022 5:30:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/3/2022 5:30:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/3/2022 5:30:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	EST-LCSRPD
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/3/2022 5:30:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/3/2022 5:30:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Diethyl phthalate	n/a	DNQ	0.42	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/3/2022 5:30:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/3/2022 5:30:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/3/2022 5:30:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/3/2022 5:30:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/3/2022 5:30:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/10/2022 1:42:00 PM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/3/2022 5:30:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	PCB Aroclor 1221	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	PCB Aroclor 1232	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	PCB Aroclor 1242	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	PCB Aroclor 1248	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	PCB Aroclor 1254	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	PCB Aroclor 1260	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/4/2022 11:16:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/4/2022 11:16:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/4/2022 11:16:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/4/2022 11:16:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/4/2022 11:16:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/4/2022 11:16:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/4/2022 11:16:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/4/2022 11:16:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/4/2022 11:16:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	LB-LCSR
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/4/2022 11:16:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/4/2022 11:16:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Dichlorvos	n/a	DNQ	0.0023	µg/L	EPA 625.1m	0.0009	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/4/2022 11:16:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 10:30:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	LB-LCSR
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/21/2022 11:07:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Malathion	n/a	DNQ	0.0026	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/13/2022 1:43:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/10/2022 1:42:00 PM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/4/2022 11:16:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	12/4/2022 11:16:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Ronnel (Fenclorophos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/29/2022 11:59:00 PM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/18/2022 10:37:00 PM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	
ME-VR2	2022/23-1	Wet	11/9/2022 10:30:00 AM	11/16/2022 6:59:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 6:00:00 AM	12/3/2022 8:00:00 AM	E. Coli	n/a	=	216	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-VR2	2022/23-2	Wet	12/2/2022 6:00:00 AM	12/3/2022 8:00:00 AM	Total Coliform	n/a	=	19863	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2022/23-2	Wet	12/2/2022 6:00:00 AM	12/2/2022 6:00:00 AM	Conductivity	n/a	=	1010	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2022/23-2	Wet	12/2/2022 6:00:00 AM	12/12/2022 6:14:00 PM	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 6:00:00 AM	12/2/2022 6:00:00 AM	DO	n/a	=	5.96	mg/L	Field Meter	-88	0.3	Field Crew	
ME-VR2	2022/23-2	Wet	12/2/2022 6:00:00 AM	12/2/2022 6:00:00 AM	DO	n/a	=	56.1	%	Field Meter	-88	0.1	Field Crew	
ME-VR2	2022/23-2	Wet	12/2/2022 6:00:00 AM	12/2/2022 6:00:00 AM	pH	n/a	=	7.23	pH Units	Field Meter	-88	0.01	Field Crew	
ME-VR2	2022/23-2	Wet	12/2/2022 6:00:00 AM	12/2/2022 6:00:00 AM	Salinity	n/a	=	700	mg/L	Field Meter	-88	100	Field Crew	
ME-VR2	2022/23-2	Wet	12/2/2022 6:00:00 AM	12/2/2022 6:00:00 AM	Specific Conductance	n/a	=	1297	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2022/23-2	Wet	12/2/2022 6:00:00 AM	12/2/2022 6:00:00 AM	Temperature	n/a	=	13.7	°C	Field Meter	-88	0.1	Field Crew	
ME-VR2	2022/23-2	Wet	12/2/2022 6:00:00 AM	12/12/2022 6:00:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 6:00:00 AM	12/12/2022 3:21:00 PM	Oil and Grease	n/a	DNQ	0.9	mg/L	EPA 1664B	0.6	4	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/15/2022 12:15:00 AM	Chloride	n/a	=	110	mg/L	EPA 300.0	0.38	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/15/2022 12:15:00 AM	Fluoride	n/a	=	0.42	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/10/2022 10:08:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/9/2022 7:17:00 PM	Calcium	Total	=	144	mg/L	EPA 200.7	0.0234	0.5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/9/2022 7:17:00 PM	Magnesium	Total	=	37.5	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/3/2022 12:14:00 PM	Alkalinity as CaCO3	n/a	=	300	mg/L	SM 2320 B	1.9	5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/7/2022 6:22:00 PM	BOD	n/a	=	3.9	mg/L	SM 5210 B	2	2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/9/2022 3:19:00 PM	COD	n/a	=	12	mg/L	EPA 410.4	2.9	5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/9/2022 7:17:00 PM	Hardness as CaCO3	Total	=	513	mg/L	EPA 200.7	0.219	3.31	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/2/2022 9:16:00 PM	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/14/2022 11:58:00 AM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/14/2022 11:37:00 AM	Specific Conductance	n/a	=	1400	µmhos/cm	SM 2510 B	3.2	6	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/4/2022 10:38:00 AM	Total Chlorine Residual	n/a	=	0.05	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/8/2022 2:49:00 PM	Total Dissolved Solids	n/a	=	900	mg/L	SM 2540 C	4	10	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/8/2022 6:14:00 AM	Total Organic Carbon	n/a	=	3.8	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/6/2022 5:10:00 PM	Total Suspended Solids	n/a	DNQ	3	mg/L	SM 2540 D	-88	5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/3/2022 2:13:00 PM	Turbidity	n/a	=	2.9	NTU	EPA 180.1	0.017	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/6/2022 5:10:00 PM	Volatile Suspended Solids	n/a	DNQ	4	mg/L	EPA 160.4	3.1	5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/19/2022 8:58:00 PM	Diesel Range Organics	n/a	<	0.072	mg/L	EPA 8015B	0.072	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/19/2022 8:58:00 PM	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:53:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:55:00 PM	Aluminum	Total	=	73	µg/L	EPA 200.8	4.4	20	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:53:00 PM	Antimony	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:55:00 PM	Antimony	Total	DNQ	0.099	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:53:00 PM	Arsenic	Dissolved	=	0.74	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:55:00 PM	Arsenic	Total	=	1.2	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:55:00 PM	Barium	Total	=	55	µg/L	EPA 200.8	0.14	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:53:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:55:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:53:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:55:00 PM	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:53:00 PM	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:55:00 PM	Chromium	Total	=	0.26	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/6/2022 3:07:00 PM	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:53:00 PM	Copper	Dissolved	=	0.57	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:55:00 PM	Copper	Total	=	0.74	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:53:00 PM	Iron	Dissolved	DNQ	9	µg/L	EPA 200.8	3.9	20	WKL	HB-MSR

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:55:00 PM	Iron	Total	=	620	µg/L	EPA 200.8	3.9	20	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:53:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:55:00 PM	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 4:28:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 4:30:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:53:00 PM	Nickel	Dissolved	=	3.4	µg/L	EPA 200.8	0.16	2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:55:00 PM	Nickel	Total	=	3.7	µg/L	EPA 200.8	0.16	2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:53:00 PM	Selenium	Dissolved	=	0.87	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:55:00 PM	Selenium	Total	=	0.95	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:53:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:55:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:53:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:55:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:53:00 PM	Zinc	Dissolved	DNQ	0.98	µg/L	EPA 200.8	0.8	10	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/12/2022 5:55:00 PM	Zinc	Total	DNQ	1.7	µg/L	EPA 200.8	1.7	10	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/7/2022 12:56:00 PM	Ammonia as N	n/a	=	0.16	mg/L	EPA 350.1	0.017	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/3/2022 1:13:00 PM	Nitrate + Nitrite as N	n/a	=	0.25	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/9/2022 7:14:00 PM	Phosphorus as P	Dissolved	DNQ	0.041	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/9/2022 7:17:00 PM	Phosphorus as P	Total	=	0.099	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/19/2022 5:36:00 PM	TKN	n/a	=	0.36	mg/L	EPA 351.2	0.065	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/6/2023 5:39:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/7/2023 4:26:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/7/2023 4:26:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/7/2023 4:26:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/7/2023 4:26:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/7/2023 4:26:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:30:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/7/2023 4:26:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/6/2023 5:39:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/7/2023 4:26:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/7/2023 4:26:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/7/2023 4:26:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/7/2023 4:26:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/7/2023 4:26:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/7/2023 4:26:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/6/2023 5:39:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/6/2023 5:39:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/6/2023 5:39:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/6/2023 5:39:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/6/2023 5:39:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/6/2023 5:39:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/6/2023 5:39:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/6/2023 5:39:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	4.7	µg/L	EPA 625.1	2.3	5	WKL	R
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/6/2023 5:39:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/6/2023 5:39:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/6/2023 5:39:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/6/2023 5:39:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/6/2023 5:39:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/6/2023 5:39:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/6/2023 5:39:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/7/2023 4:26:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/6/2023 5:39:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	PCB Aroclor 1016	n/a	<	0.14	µg/L	EPA 608.3	0.14	2.5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	PCB Aroclor 1232	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	PCB Aroclor 1242	n/a	<	0.48	µg/L	EPA 608.3	0.48	2.5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	PCB Aroclor 1248	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	2.5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	PCB Aroclor 1260	n/a	<	0.28	µg/L	EPA 608.3	0.28	2.5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/11/2022 9:27:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/11/2022 9:27:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/11/2022 9:27:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/11/2022 9:27:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/11/2022 9:27:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/11/2022 9:27:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/11/2022 9:27:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/11/2022 9:27:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/11/2022 9:27:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/11/2022 9:27:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/11/2022 9:27:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Dichlorvos	n/a	DNQ	0.0022	µg/L	EPA 625.1m	0.0009	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/11/2022 9:27:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/6/2022 2:11:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/11/2022 9:27:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/4/2023 9:24:00 PM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	1/7/2023 4:26:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/11/2022 9:27:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/27/2022 11:47:00 PM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/13/2022 3:32:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	
ME-VR2	2022/23-2	Wet	12/2/2022 9:30:00 AM	12/17/2022 4:24:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2022/23-4	Wet	2/24/2023 10:45:00 AM	2/25/2023 11:20:00 AM	E. Coli	n/a	=	15531	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2022/23-4	Wet	2/24/2023 10:45:00 AM	2/25/2023 11:20:00 AM	Total Coliform	n/a	=	260300	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
ME-VR2	2022/23-4	Wet	2/24/2023 10:45:00 AM	2/24/2023 10:45:00 AM	Conductivity	n/a	=	518	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2022/23-4	Wet	2/24/2023 10:45:00 AM	3/10/2023 2:44:00 PM	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002	WKL	
ME-VR2	2022/23-4	Wet	2/24/2023 10:45:00 AM	2/24/2023 10:45:00 AM	DO	n/a	=	80.1	%	Field Meter	-88	0.1	Field Crew	
ME-VR2	2022/23-4	Wet	2/24/2023 10:45:00 AM	2/24/2023 10:45:00 AM	DO	n/a	=	8.92	mg/L	Field Meter	-88	0.3	Field Crew	
ME-VR2	2022/23-4	Wet	2/24/2023 10:45:00 AM	2/24/2023 10:45:00 AM	pH	n/a	=	7.92	pH Units	Field Meter	-88	0.01	Field Crew	
ME-VR2	2022/23-4	Wet	2/24/2023 10:45:00 AM	2/24/2023 10:45:00 AM	Salinity	n/a	=	300	mg/L	Field Meter	-88	100	Field Crew	
ME-VR2	2022/23-4	Wet	2/24/2023 10:45:00 AM	2/24/2023 10:45:00 AM	Specific Conductance	n/a	=	724	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2022/23-4	Wet	2/24/2023 10:45:00 AM	2/24/2023 10:45:00 AM	Temperature	n/a	=	10.1	°C	Field Meter	-88	0.1	Field Crew	
ME-VR2	2022/23-4	Wet	2/24/2023 10:45:00 AM	3/1/2023 1:07:00 AM	Gasoline Range Organics	n/a	DNQ	0.074	mg/L	EPA 8260B	0.065	0.1	WKL	
ME-VR2	2022/23-4	Wet	2/24/2023 10:45:00 AM	3/24/2023 9:21:00 AM	Oil and Grease	n/a	=	6.3	mg/L	EPA 1664B	0.6	4	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/6/2023 11:33:00 PM	Chloride	n/a	=	25	mg/L	EPA 300.0	0.38	1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/6/2023 11:33:00 PM	Fluoride	n/a	=	0.29	mg/L	EPA 300.0	0.018	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/8/2023 8:47:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/10/2023 7:01:00 PM	Calcium	Total	=	58.9	mg/L	EPA 200.7	0.0736	0.5	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/10/2023 7:01:00 PM	Magnesium	Total	=	24.8	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/2/2023 1:52:00 PM	Alkalinity as CaCO3	n/a	=	120	mg/L	SM 2320 B	1.9	5	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/3/2023 1:18:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/13/2023 10:26:00 AM	COD	n/a	=	97	mg/L	EPA 410.4	2.9	5	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/10/2023 7:01:00 PM	Hardness as CaCO3	Total	=	249	mg/L	EPA 200.7	0.344	3.31	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	2/26/2023 3:32:00 PM	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/15/2023 3:43:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/8/2023 10:25:00 AM	Specific Conductance	n/a	=	660	µmhos/cm	SM 2510 B	1.1	2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/2/2023 12:22:00 PM	Total Dissolved Solids	n/a	=	480	mg/L	SM 2540 C	4	10	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/2/2023 1:29:00 AM	Total Organic Carbon	n/a	=	5.2	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/2/2023 5:22:00 PM	Total Suspended Solids	n/a	=	9200	mg/L	SM 2540 D	-88	5	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	2/26/2023 5:06:00 PM	Turbidity	n/a	=	2000	NTU	EPA 180.1	1.7	10	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/2/2023 5:22:00 PM	Volatile Suspended Solids	n/a	=	580	mg/L	EPA 160.4	3.1	5	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 12:50:00 PM	Diesel Range Organics	n/a	DNQ	0.077	mg/L	EPA 8015B	0.072	0.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 12:50:00 PM	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:02:00 PM	Aluminum	Dissolved	DNQ	14	µg/L	EPA 200.8	4.4	20	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 4:09:00 PM	Aluminum	Total	=	60000	µg/L	EPA 200.8	89	400	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:02:00 PM	Antimony	Dissolved	DNQ	0.15	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:05:00 PM	Antimony	Total	DNQ	0.76	µg/L	EPA 200.8	0.18	1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:02:00 PM	Arsenic	Dissolved	=	0.59	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:05:00 PM	Arsenic	Total	=	25	µg/L	EPA 200.8	0.15	0.8	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:05:00 PM	Barium	Total	=	770	µg/L	EPA 200.8	0.28	2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:02:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:05:00 PM	Beryllium	Total	=	3.2	µg/L	EPA 200.8	0.057	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:02:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:05:00 PM	Cadmium	Total	=	3.7	µg/L	EPA 200.8	0.084	0.4	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:02:00 PM	Chromium	Dissolved	DNQ	0.15	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:05:00 PM	Chromium	Total	=	110	µg/L	EPA 200.8	0.18	0.4	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/6/2023 7:57:00 PM	Chromium VI	n/a	=	0.02	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:02:00 PM	Copper	Dissolved	=	2	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:05:00 PM	Copper	Total	=	93	µg/L	EPA 200.8	0.46	1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:02:00 PM	Iron	Dissolved	=	27	µg/L	EPA 200.8	3.9	20	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 4:09:00 PM	Iron	Total	=	120000	µg/L	EPA 200.8	79	400	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:02:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:05:00 PM	Lead	Total	=	49	µg/L	EPA 200.8	0.17	0.4	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/7/2023 1:28:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/7/2023 1:30:00 PM	Mercury	Total	=	190	ng/L	EPA 245.1	74	100	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:02:00 PM	Nickel	Dissolved	=	4.4	µg/L	EPA 200.8	0.16	2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:05:00 PM	Nickel	Total	=	150	µg/L	EPA 200.8	0.81	4	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:02:00 PM	Selenium	Dissolved	=	1.7	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:05:00 PM	Selenium	Total	=	4.5	µg/L	EPA 200.8	0.13	0.8	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:02:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:05:00 PM	Silver	Total	=	0.5	µg/L	EPA 200.8	0.11	0.4	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:02:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:05:00 PM	Thallium	Total	=	0.96	µg/L	EPA 200.8	0.042	0.4	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:02:00 PM	Zinc	Dissolved	<	1.7	µg/L	EPA 200.8	1.7	10	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/9/2023 1:05:00 PM	Zinc	Total	=	360	µg/L	EPA 200.8	3.3	20	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/13/2023 12:55:00 PM	Ammonia as N	n/a	=	0.14	mg/L	EPA 350.1	0.017	0.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/8/2023 3:43:00 PM	Nitrate + Nitrite as N	n/a	=	0.95	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/10/2023 6:59:00 PM	Phosphorus as P	Dissolved	=	0.057	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/10/2023 7:01:00 PM	Phosphorus as P	Total	=	2	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/21/2023 5:22:00 PM	TKN	n/a	=	4.9	mg/L	EPA 351.2	0.13	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.56	µg/L	EPA 625.1	0.56	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	1,2-Dichlorobenzene	n/a	<	0.52	µg/L	EPA 625.1	0.52	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	1,2-Diphenylhydrazine	n/a	<	0.34	µg/L	EPA 625.1	0.34	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	1,3-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625.1	0.55	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/30/2023 10:59:00 PM	1-Methylnaphthalene	n/a	<	0.027	µg/L	EPA 8270C	0.027	0.11	WKL	LB-LCSR
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 12:50:00 AM	2,4,5-Trichlorophenol	n/a	<	0.33	µg/L	EPA 8270C	0.33	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	2,4,6-Trichlorophenol	n/a	<	0.25	µg/L	EPA 625.1	0.25	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 12:50:00 AM	2,4,6-Trichlorophenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	2,4-Dichlorophenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 12:50:00 AM	2,4-Dichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 12:50:00 AM	2,4-Dimethylphenol	n/a	<	1.1	µg/L	EPA 8270C	1.1	2.3	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	2,4-Dimethylphenol	n/a	<	0.87	µg/L	EPA 625.1	0.87	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 12:50:00 AM	2,4-Dinitrophenol	n/a	<	1.1	µg/L	EPA 8270C	1.1	2.3	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	2,4-Dinitrophenol	n/a	<	2.1	µg/L	EPA 625.1	2.1	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	2,4-Dinitrotoluene	n/a	<	0.52	µg/L	EPA 625.1	0.52	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	2,6-Dinitrotoluene	n/a	<	0.31	µg/L	EPA 625.1	0.31	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	2-Chloronaphthalene	n/a	<	0.51	µg/L	EPA 625.1	0.51	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	2-Chlorophenol	n/a	<	0.32	µg/L	EPA 625.1	0.32	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 12:50:00 AM	2-Chlorophenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/30/2023 10:59:00 PM	2-Methylnaphthalene	n/a	<	0.03	µg/L	EPA 8270C	0.03	0.11	WKL	LB-LCSR
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 12:50:00 AM	2-Methylphenol	n/a	<	0.39	µg/L	EPA 8270C	0.39	1.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 12:50:00 AM	2-Nitrophenol	n/a	<	0.81	µg/L	EPA 8270C	0.81	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	2-Nitrophenol	n/a	<	0.3	µg/L	EPA 625.1	0.3	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.8	µg/L	EPA 625.1	2.8	5.7	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 12:50:00 AM	3-/4-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.57	µg/L	EPA 625.1	0.57	5.7	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 12:50:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.16	µg/L	EPA 8270C	0.16	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 12:50:00 AM	4-Chloro-3-methylphenol	n/a	<	0.42	µg/L	EPA 8270C	0.42	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	4-Chloro-3-methylphenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.47	µg/L	EPA 625.1	0.47	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	4-Nitrophenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5.7	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 12:50:00 AM	4-Nitrophenol	n/a	<	1.1	µg/L	EPA 8270C	1.1	2.3	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Acenaphthene	n/a	<	0.43	µg/L	EPA 625.1	0.43	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/30/2023 10:59:00 PM	Acenaphthene	n/a	<	0.032	µg/L	EPA 8270C	0.032	0.11	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Acenaphthylene	n/a	<	0.4	µg/L	EPA 625.1	0.4	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/30/2023 10:59:00 PM	Acenaphthylene	n/a	<	0.038	µg/L	EPA 8270C	0.038	0.11	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Anthracene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/30/2023 10:59:00 PM	Anthracene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.11	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/30/2023 10:59:00 PM	Benz(a)anthracene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.11	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Benz(a)anthracene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Benzenidine	n/a	<	3.7	µg/L	EPA 625.1	3.7	11	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/30/2023 10:59:00 PM	Benzo(a)pyrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.11	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	Benzo(a)pyrene	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Benzo(a)pyrene	n/a	<	0.44	µg/L	EPA 625.1	0.44	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Benzo(b)fluoranthene	n/a	<	0.52	µg/L	EPA 625.1	0.52	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/30/2023 10:59:00 PM	Benzo(b)fluoranthene	n/a	<	0.084	µg/L	EPA 8270C	0.084	0.11	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/30/2023 10:59:00 PM	Benzo(g,h,i)perylene	n/a	<	0.057	µg/L	EPA 8270C	0.057	0.11	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Benzo(g,h,i)perylene	n/a	<	0.48	µg/L	EPA 625.1	0.48	2.3	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/30/2023 10:59:00 PM	Benzo(k)fluoranthene	n/a	<	0.03	µg/L	EPA 8270C	0.03	0.11	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Benzo(k)fluoranthene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.28	µg/L	EPA 625.1	0.28	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.31	µg/L	EPA 625.1	0.31	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.43	µg/L	EPA 625.1	0.43	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.85	µg/L	EPA 525.2	0.85	10	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.82	µg/L	EPA 525.2	0.82	6	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.6	µg/L	EPA 625.1	2.6	5.7	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Butyl benzyl phthalate	n/a	<	0.56	µg/L	EPA 625.1	0.56	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Chrysene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/30/2023 10:59:00 PM	Chrysene	n/a	<	0.084	µg/L	EPA 8270C	0.084	0.11	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Dibenz(a,h)anthracene	n/a	<	0.17	µg/L	EPA 625.1	0.17	2.3	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/30/2023 10:59:00 PM	Dibenz(a,h)anthracene	n/a	<	0.041	µg/L	EPA 8270C	0.041	0.11	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Diethyl phthalate	n/a	<	0.4	µg/L	EPA 625.1	0.4	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Dimethyl phthalate	n/a	<	0.2	µg/L	EPA 625.1	0.2	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Di-n-butylphthalate	n/a	<	0.39	µg/L	EPA 625.1	0.39	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Di-n-octylphthalate	n/a	<	0.52	µg/L	EPA 625.1	0.52	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Fluoranthene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/30/2023 10:59:00 PM	Fluoranthene	n/a	<	0.044	µg/L	EPA 8270C	0.044	0.11	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Fluorene	n/a	<	0.4	µg/L	EPA 625.1	0.4	1.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/30/2023 10:59:00 PM	Fluorene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.11	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Hexachlorobutadiene	n/a	<	0.56	µg/L	EPA 625.1	0.56	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Hexachlorobutadiene	n/a	<	0.53	µg/L	EPA 625.1	0.53	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	Hexachlorocyclopentadiene	n/a	<	0.18	µg/L	EPA 525.2	0.18	2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Hexachlorocyclopentadiene	n/a	<	0.36	µg/L	EPA 625.1	0.36	5.7	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Hexachloroethane	n/a	<	0.57	µg/L	EPA 625.1	0.57	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/30/2023 10:59:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.11	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.28	µg/L	EPA 625.1	0.28	2.3	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Isophorone	n/a	<	0.24	µg/L	EPA 625.1	0.24	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Naphthalene	n/a	<	0.56	µg/L	EPA 625.1	0.56	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/30/2023 10:59:00 PM	Naphthalene	n/a	<	0.03	µg/L	EPA 8270C	0.03	0.11	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Nitrobenzene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	N-Nitrosodimethylamine	n/a	<	0.57	µg/L	EPA 625.1	0.57	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	N-Nitrosodiphenylamine	n/a	<	0.22	µg/L	EPA 625.1	0.22	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/30/2023 10:59:00 PM	Phenanthrene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.11	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Phenanthrene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Phenol	n/a	<	0.92	µg/L	EPA 625.1	0.92	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 12:50:00 AM	Phenol	n/a	<	0.4	µg/L	EPA 8270C	0.4	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Pyrene	n/a	<	0.28	µg/L	EPA 625.1	0.28	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/30/2023 10:59:00 PM	Pyrene	n/a	<	0.045	µg/L	EPA 8270C	0.045	0.11	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	PCB Aroclor 1016	n/a	<	0.14	µg/L	EPA 608.3	0.14	2.5	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	PCB Aroclor 1232	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	PCB Aroclor 1242	n/a	<	0.48	µg/L	EPA 608.3	0.48	2.5	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	PCB Aroclor 1248	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	2.5	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	PCB Aroclor 1260	n/a	<	0.28	µg/L	EPA 608.3	0.28	2.5	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 1:36:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 1:36:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 1:36:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 1:36:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 1:36:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 1:36:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	Alachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	Atrazine	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 1:36:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	Bromacil	n/a	<	0.14	µg/L	EPA 525.2	0.14	1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	Butachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	Captan	n/a	<	0.64	µg/L	EPA 525.2	0.64	2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	Chlorpropham	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 1:36:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 1:36:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	Diazinon	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 1:36:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 1:36:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	Dimethoate	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.4	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 1:36:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	Diphenamid	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	LB-LCSR
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	EPTC	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Fensulfothion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/4/2023 2:11:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	Metribuzin	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	Molinate	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 1:36:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	4/1/2023 2:48:00 PM	Pentachlorophenol	n/a	<	0.45	µg/L	EPA 625.1	0.45	1.1	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 12:50:00 AM	Pentachlorophenol	n/a	DNQ	0.57	µg/L	EPA 8270C	0.17	1.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 1:36:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	Prometryn	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Ronnel (Fenclorophos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	Simazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	Terbacil	n/a	<	0.18	µg/L	EPA 525.2	0.18	4	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	Thiobencarb	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/16/2023 10:09:00 AM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 11:53:00 AM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
ME-VR2	2022/23-4	Wet	2/25/2023 6:58:00 AM	3/14/2023 3:50:00 PM	Trithion	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	5/25/2023 7:25:00 PM	Chloride	n/a	=	48	mg/L	EPA 300.0	0.19	0.5	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	5/25/2023 7:25:00 PM	Fluoride	n/a	=	0.36	mg/L	EPA 300.0	0.009	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 5:49:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	5/24/2023 1:25:00 PM	E. Coli	n/a	=	119	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	5/24/2023 1:25:00 PM	Total Coliform	n/a	=	1301	MPN/100 mL	MMO-MUG	10	10	VCHCA	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/5/2023 3:18:00 PM	Calcium	Total	=	123	mg/L	EPA 200.7	0.0736	0.5	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/5/2023 3:18:00 PM	Magnesium	Total	=	36	mg/L	EPA 200.7	0.039	0.5	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	5/30/2023 2:18:00 PM	Alkalinity as CaCO3	n/a	=	220	mg/L	SM 2320 B	1.9	5	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/12/2023 10:47:00 AM	COD	n/a	=	7.4	mg/L	EPA 410.4	2.9	5	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	5/23/2023 10:05:00 AM	Conductivity	n/a	=	1036	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	5/31/2023 6:03:00 PM	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	5/23/2023 10:05:00 AM	DO	n/a	=	10.37	mg/L	Field Meter	-88	0.3	Field Crew	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	5/23/2023 10:05:00 AM	DO	n/a	=	111	%	Field Meter	-88	0.1	Field Crew	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/5/2023 3:18:00 PM	Hardness as CaCO3	Total	=	455	mg/L	EPA 200.7	0.344	3.31	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	5/24/2023 6:28:00 PM	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	5/23/2023 10:05:00 AM	pH	n/a	=	8.04	pH Units	Field Meter	-88	0.01	Field Crew	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/9/2023 5:33:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	5/23/2023 10:05:00 AM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	5/23/2023 10:05:00 AM	Specific Conductance	n/a	=	1186	µmhos/cm	Field Meter	-88	1	Field Crew	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/9/2023 5:29:00 PM	Specific Conductance	n/a	=	1100	µmhos/cm	SM 2510 B	1.1	2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	5/23/2023 10:05:00 AM	Temperature	n/a	=	18.4	°C	Field Meter	-88	0.1	Field Crew	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	5/25/2023 5:39:00 PM	Total Chlorine Residual	n/a	<	0.031	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	5/25/2023 11:52:00 AM	Total Dissolved Solids	n/a	=	760	mg/L	SM 2540 C	4	10	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/3/2023 2:57:00 AM	Total Organic Carbon	n/a	=	2.2	mg/L	SM 5310 B	0.19	0.3	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	5/30/2023 1:45:00 PM	Total Suspended Solids	n/a	DNQ	0.3	mg/L	SM 2540 D	-88	5	WKL	UL-MB
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	5/24/2023 6:15:00 PM	Turbidity	n/a	=	1.2	NTU	EPA 180.1	0.017	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	5/30/2023 1:45:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/28/2023 1:27:00 PM	Diesel Range Organics	n/a	=	0.14	mg/L	EPA 8015B	0.072	0.1	WKL	EST-HT
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/1/2023 9:24:00 PM	Gasoline Range Organics	n/a	DNQ	0.11	mg/L	EPA 8260B	0.065	0.3	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	5/25/2023 4:36:00 PM	Oil and Grease	n/a	DNQ	1.7	mg/L	EPA 1664B	0.7	4.9	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/28/2023 1:27:00 PM	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5	WKL	EST-HT
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:33:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:36:00 PM	Aluminum	Total	DNQ	7.8	µg/L	EPA 200.8	4.4	20	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:33:00 PM	Antimony	Dissolved	DNQ	0.098	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:36:00 PM	Antimony	Total	DNQ	0.098	µg/L	EPA 200.8	0.089	0.5	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:33:00 PM	Arsenic	Dissolved	DNQ	0.28	µg/L	EPA 200.8	0.074	0.4	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:36:00 PM	Arsenic	Total	DNQ	0.28	µg/L	EPA 200.8	0.074	0.4	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:36:00 PM	Barium	Total	=	64	µg/L	EPA 200.8	0.14	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:33:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:36:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:33:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:36:00 PM	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:33:00 PM	Chromium	Dissolved	DNQ	0.19	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:36:00 PM	Chromium	Total	=	0.21	µg/L	EPA 200.8	0.089	0.2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/6/2023 3:55:00 PM	Chromium VI	n/a	=	0.085	µg/L	EPA 218.6	0.0079	0.02	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:33:00 PM	Copper	Dissolved	=	0.62	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:36:00 PM	Copper	Total	=	0.77	µg/L	EPA 200.8	0.23	0.5	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:33:00 PM	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:36:00 PM	Iron	Total	DNQ	17	µg/L	EPA 200.8	3.9	20	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:33:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:36:00 PM	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 1:57:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 1:59:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:33:00 PM	Nickel	Dissolved	DNQ	1	µg/L	EPA 200.8	0.16	2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:36:00 PM	Nickel	Total	DNQ	1.4	µg/L	EPA 200.8	0.4	2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:33:00 PM	Selenium	Dissolved	=	2.8	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:36:00 PM	Selenium	Total	=	2.9	µg/L	EPA 200.8	0.067	0.4	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:33:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:36:00 PM	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:33:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:36:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:33:00 PM	Zinc	Dissolved	<	1.7	µg/L	EPA 200.8	1.7	10	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 4:36:00 PM	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/5/2023 6:21:00 PM	Ammonia as N	n/a	DNQ	0.02	mg/L	EPA 350.1	0.017	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	5/24/2023 5:59:00 PM	Nitrate + Nitrite as N	n/a	=	3.2	mg/L	EPA 353.2	0.036	0.2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/5/2023 3:15:00 PM	Phosphorus as P	Dissolved	<	0.018	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/5/2023 3:18:00 PM	Phosphorus as P	Total	DNQ	0.019	mg/L	EPA 200.7	0.018	0.05	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/8/2023 7:27:00 PM	TKN	n/a	DNQ	0.066	mg/L	EPA 351.2	0.065	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/20/2023 11:20:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/22/2023 5:09:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/22/2023 5:09:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/22/2023 5:09:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/22/2023 5:09:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/22/2023 5:09:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	2,4-Dinitrophenol	n/a	<	4.4	µg/L	EPA 625.1	4.4	10	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/22/2023 5:09:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/20/2023 11:20:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/22/2023 5:09:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/22/2023 5:09:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/22/2023 5:09:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/22/2023 5:09:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/22/2023 5:09:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/22/2023 5:09:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/20/2023 11:20:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/20/2023 11:20:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/20/2023 11:20:00 AM	Anthracene	n/a	DNQ	0.027	µg/L	EPA 8270C	0.025	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/20/2023 11:20:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Benz(a)anthracene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	Benzo(a)pyrene	n/a	<	0.045	µg/L	EPA 525.2	0.045	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Benzo(a)pyrene	n/a	<	0.82	µg/L	EPA 625.1	0.82	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/20/2023 11:20:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/20/2023 11:20:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/20/2023 11:20:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Benzo(k)fluoranthene	n/a	<	0.72	µg/L	EPA 625.1	0.72	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/20/2023 11:20:00 AM	Benzo(k)fluoranthene	n/a	<	0.059	µg/L	EPA 8270C	0.059	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.38	µg/L	EPA 525.2	0.38	5	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/20/2023 11:20:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Dibenz(a,h)anthracene	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/20/2023 11:20:00 AM	Dibenz(a,h)anthracene	n/a	<	0.081	µg/L	EPA 8270C	0.081	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Diethyl phthalate	n/a	DNQ	0.4	µg/L	EPA 625.1	0.35	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/20/2023 11:20:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/20/2023 11:20:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/20/2023 11:20:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.66	µg/L	EPA 625.1	0.66	2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/20/2023 11:20:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/20/2023 11:20:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/22/2023 5:09:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Phenol	n/a	<	0.17	µg/L	EPA 625.1	0.17	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/20/2023 11:20:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	PCB Aroclor 1221	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	PCB Aroclor 1232	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	PCB Aroclor 1242	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	PCB Aroclor 1248	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	PCB Aroclor 1254	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	PCB Aroclor 1260	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/8/2023 3:24:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/8/2023 3:24:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/8/2023 3:24:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/8/2023 3:24:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/8/2023 3:24:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	4,4'-DDD	n/a	<	0.0054	µg/L	EPA 608.3	0.0054	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	4,4'-DDE	n/a	<	0.0036	µg/L	EPA 608.3	0.0036	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	4,4'-DDT	n/a	<	0.0056	µg/L	EPA 608.3	0.0056	0.02	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/8/2023 3:24:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	Alachlor	n/a	<	0.063	µg/L	EPA 525.2	0.063	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	Aldrin	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	alpha-BHC	n/a	<	0.0049	µg/L	EPA 608.3	0.0049	0.02	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	alpha-Chlordane	n/a	<	0.0058	µg/L	EPA 608.3	0.0058	0.02	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	Atrazine	n/a	<	0.042	µg/L	EPA 525.2	0.042	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/8/2023 3:24:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	beta-BHC	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	Bromacil	n/a	<	0.24	µg/L	EPA 525.2	0.24	0.5	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	Butachlor	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	LB-LCSR
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	Chlordane (technical)	n/a	<	0.086	µg/L	EPA 608.3	0.086	0.2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/8/2023 3:24:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/8/2023 3:24:00 AM	DCPA (Daacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	delta-BHC	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/8/2023 3:24:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/8/2023 3:24:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	Dieldrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	Dimethoate	n/a	<	0.041	µg/L	EPA 525.2	0.041	0.2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/8/2023 3:24:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	Disulfoton	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	Endosulfan I	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.04	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	Endosulfan II	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	Endosulfan sulfate	n/a	<	0.0059	µg/L	EPA 608.3	0.0059	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	Endrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	Endrin aldehyde	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Fensulfothion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	LB-LCSR
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	gamma-BHC (Lindane)	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.04	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	gamma-Chlordane	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	5/31/2023 2:10:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	Heptachlor	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	Heptachlor epoxide	n/a	<	0.0036	µg/L	EPA 608.3	0.0036	0.02	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/22/2023 5:09:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/23/2023 9:35:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/8/2023 3:24:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/8/2023 3:24:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	Simazine	n/a	<	0.058	µg/L	EPA 525.2	0.058	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	Thiobencarb	n/a	<	0.069	µg/L	EPA 525.2	0.069	0.1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 7:42:00 PM	Toxaphene	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/2/2023 10:20:00 PM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
ME-VR2	2022/23-6	Dry	5/23/2023 10:05:00 AM	6/7/2023 12:16:00 AM	Trithion	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.1	WKL	
MO-CAM	2022/23-1	Wet	11/8/2022 10:35:00 AM	11/9/2022 4:30:00 PM	E. Coli	n/a	=	6630	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-CAM	2022/23-1	Wet	11/8/2022 10:35:00 AM	11/9/2022 4:30:00 PM	Total Coliform	n/a	=	344800	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-CAM	2022/23-1	Wet	11/8/2022 10:35:00 AM	11/8/2022 10:35:00 AM	Conductivity	n/a	=	152	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2022/23-1	Wet	11/8/2022 10:35:00 AM	11/18/2022 4:25:00 PM	Cyanide	Total	=	0.0039	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-CAM	2022/23-1	Wet	11/8/2022 10:35:00 AM	11/8/2022 10:35:00 AM	DO	n/a	=	7.33	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2022/23-1	Wet	11/8/2022 10:35:00 AM	11/8/2022 10:35:00 AM	DO	n/a	=	79	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2022/23-1	Wet	11/8/2022 10:35:00 AM	11/8/2022 10:35:00 AM	pH	n/a	=	8.06	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2022/23-1	Wet	11/8/2022 10:35:00 AM	11/8/2022 10:35:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2022/23-1	Wet	11/8/2022 10:35:00 AM	11/8/2022 10:35:00 AM	Specific Conductance	n/a	=	172	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2022/23-1	Wet	11/8/2022 10:35:00 AM	11/8/2022 10:35:00 AM	Temperature	n/a	=	18.9	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2022/23-1	Wet	11/8/2022 10:35:00 AM	11/17/2022 2:03:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-CAM	2022/23-1	Wet	11/8/2022 10:35:00 AM	11/23/2022 3:45:00 PM	Oil and Grease	n/a	DNQ	2.8	mg/L	EPA 1664B	0.6	4	WKL	
MO-CAM	2022/23-1	Wet	11/8/2022 10:35:00 AM	11/12/2022 10:02:00 AM	2-Chloroethyl vinyl ether	n/a	<	0.38	µg/L	EPA 624.1	0.38	2	WKL	DG
MO-CAM	2022/23-1	Wet	11/8/2022 10:35:00 AM	11/12/2022 10:02:00 AM	Methyl tert-butyl ether (MTBE)	n/a	<	0.8	µg/L	EPA 624.1	0.8	2	WKL	DG
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/12/2022 1:11:00 AM	Chloride	n/a	=	12	mg/L	EPA 300.0	0.38	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/12/2022 1:11:00 AM	Fluoride	n/a	DNQ	0.094	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/11/2022 8:11:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 6:32:00 PM	Calcium	Total	=	14.5	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 6:32:00 PM	Magnesium	Total	=	5.06	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/12/2022 9:33:00 AM	Alkalinity as CaCO3	n/a	=	28	mg/L	SM 2320 B	1.9	5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 11:38:00 AM	BOD	n/a	=	24	mg/L	SM 5210 B	2	2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/23/2022 4:36:00 PM	COD	n/a	=	170	mg/L	EPA 410.4	2.9	5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 6:32:00 PM	Hardness as CaCO3	Total	=	56.9	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/10/2022 3:03:00 PM	MBAS	n/a	=	0.12	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/22/2022 11:39:00 AM	Phenolics	n/a	DNQ	0.0076	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/23/2022 10:58:00 AM	Specific Conductance	n/a	=	140	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/10/2022 3:26:00 PM	Total Chlorine Residual	n/a	DNQ	0.046	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 12:02:00 PM	Total Dissolved Solids	n/a	=	100	mg/L	SM 2540 C	4	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 3:58:00 PM	Total Organic Carbon	n/a	=	13	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 2:03:00 PM	Total Suspended Solids	n/a	=	1200	mg/L	SM 2540 D	-88	5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/10/2022 3:29:00 PM	Turbidity	n/a	=	110	NTU	EPA 180.1	0.17	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 2:03:00 PM	Volatile Suspended Solids	n/a	=	170	mg/L	EPA 160.4	3.1	5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/1/2022 2:09:00 AM	Diesel Range Organics	n/a	=	0.43	mg/L	EPA 8015B	0.14	0.2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/1/2022 6:29:00 AM	Oil Range Organics	n/a	DNQ	0.84	mg/L	EPA 8015B	0.45	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:13:00 PM	Aluminum	Dissolved	=	42	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:16:00 PM	Aluminum	Total	=	8900	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:13:00 PM	Antimony	Dissolved	=	0.56	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:16:00 PM	Antimony	Total	=	1.8	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:13:00 PM	Arsenic	Dissolved	=	0.9	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:16:00 PM	Arsenic	Total	=	4.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:16:00 PM	Barium	Total	=	110	µg/L	EPA 200.8	0.14	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:13:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:16:00 PM	Beryllium	Total	=	0.34	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:13:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:16:00 PM	Cadmium	Total	=	0.69	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:13:00 PM	Chromium	Dissolved	=	0.55	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:16:00 PM	Chromium	Total	=	18	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/14/2022 6:33:00 PM	Chromium VI	n/a	=	0.33	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:13:00 PM	Copper	Dissolved	=	5.6	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:16:00 PM	Copper	Total	=	45	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:13:00 PM	Iron	Dissolved	=	71	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 6:44:00 PM	Iron	Total	=	12000	µg/L	EPA 200.8	7.9	40	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:13:00 PM	Lead	Dissolved	=	0.27	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:16:00 PM	Lead	Total	=	19	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/17/2022 1:44:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/17/2022 1:46:00 PM	Mercury	Total	DNQ	39	ng/L	EPA 245.1	37	50	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:13:00 PM	Nickel	Dissolved	DNQ	1.9	µg/L	EPA 200.8	0.16	2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:16:00 PM	Nickel	Total	=	17	µg/L	EPA 200.8	0.16	2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:13:00 PM	Selenium	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:16:00 PM	Selenium	Total	=	0.4	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:13:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:16:00 PM	Silver	Total	=	0.22	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:13:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:16:00 PM	Thallium	Total	DNQ	0.13	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:13:00 PM	Zinc	Dissolved	=	24	µg/L	EPA 200.8	0.8	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 4:16:00 PM	Zinc	Total	=	260	µg/L	EPA 200.8	1.7	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/17/2022 4:15:00 PM	Ammonia as N	n/a	=	0.37	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/10/2022 3:24:00 PM	Nitrate + Nitrite as N	n/a	=	0.72	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/10/2022 3:24:00 PM	Nitrate as N	n/a	=	0.7	mg/L	EPA 353.2	0.04	0.2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 6:29:00 PM	Phosphorus as P	Dissolved	=	0.26	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/15/2022 6:32:00 PM	Phosphorus as P	Total	=	1	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/6/2022 4:20:00 PM	TKN	n/a	=	2.8	mg/L	EPA 351.2	0.26	0.4	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/3/2022 6:04:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/10/2022 2:12:00 PM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 PM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/10/2022 2:12:00 PM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/10/2022 2:12:00 PM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	2,4-Dimethylphenol	n/a	<	7.6	µg/L	EPA 625.1	7.6	10	WKL	-LCSRPD, LB-L
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/10/2022 2:12:00 PM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	LB-LCSR
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/10/2022 2:12:00 PM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	2,4-Dinitrotoluene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/10/2022 2:12:00 PM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/3/2022 6:04:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/10/2022 2:12:00 PM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/10/2022 2:12:00 PM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	3,3'-Dichlorobenzidine	n/a	<	25	µg/L	EPA 625.1	25	50	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/10/2022 2:12:00 PM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	5	µg/L	EPA 625.1	5	50	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/10/2022 2:12:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/10/2022 2:12:00 PM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/10/2022 2:12:00 PM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/3/2022 6:04:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Acenaphthylene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/3/2022 6:04:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Anthracene	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/3/2022 6:04:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/3/2022 6:04:00 AM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Benzenidine	n/a	<	32	µg/L	EPA 625.1	32	100	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/3/2022 6:04:00 AM	Benzo(a)pyrene	n/a	DNQ	0.52	µg/L	EPA 8270C	0.51	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/3/2022 6:04:00 AM	Benzo(b)fluoranthene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/3/2022 6:04:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/3/2022 6:04:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.44	µg/L	EPA 8270C	0.26	1	WKL	ANI
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	25	µg/L	EPA 625.1	23	50	WKL	LCSRPD, HB-L
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Butyl benzyl phthalate	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/3/2022 6:04:00 AM	Chrysene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/3/2022 6:04:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.54	µg/L	EPA 8270C	0.36	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Dibenz(a,h)anthracene	n/a	<	1.5	µg/L	EPA 625.1	1.5	20	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Diethyl phthalate	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Di-n-butylphthalate	n/a	<	3.4	µg/L	EPA 625.1	3.4	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Fluoranthene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/3/2022 6:04:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/3/2022 6:04:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Hexachlorocyclopentadiene	n/a	<	3.1	µg/L	EPA 625.1	3.1	50	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	20	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/3/2022 6:04:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/3/2022 6:04:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/3/2022 6:04:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Phenol	n/a	<	8.1	µg/L	EPA 625.1	8.1	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/10/2022 2:12:00 PM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/3/2022 6:04:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/4/2022 11:41:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/4/2022 11:41:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/4/2022 11:41:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/4/2022 11:41:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/4/2022 11:41:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	4,4'-DDD	n/a	<	0.027	µg/L	EPA 608.3	0.027	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	4,4'-DDE	n/a	DNQ	0.038	µg/L	EPA 608.3	0.018	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	4,4'-DDT	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/4/2022 11:41:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Azinphos methyl	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/4/2022 11:41:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Bolstar	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Chlorpyrifos	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Coumaphos	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/4/2022 11:41:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/4/2022 11:41:00 AM	DCPA (Daacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Demeton-O	n/a	<	0.0097	µg/L	EPA 625.1m	0.0097	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Demeton-S	n/a	<	0.0072	µg/L	EPA 625.1m	0.0072	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Diazinon	n/a	DNQ	0.011	µg/L	EPA 625.1m	0.0051	0.05	WKL	LB-LCSR
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/4/2022 11:41:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/4/2022 11:41:00 AM	Dichlorprop	n/a	<	0.3	µg/L	EPA 515.4	0.3	0.3	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Dichlorvos	n/a	<	0.0046	µg/L	EPA 625.1m	0.0046	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	Dieldrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Dimethoate	n/a	DNQ	0.015	µg/L	EPA 625.1m	0.013	0.05	WKL	UL-MB
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/4/2022 11:41:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Disulfoton	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	Endosulfan I	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Ethoprop	n/a	<	0.0033	µg/L	EPA 625.1m	0.0033	0.05	WKL	LB-LCSR
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Fensulfthion	n/a	DNQ	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	UL-MB
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Fenthion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.05	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	gamma-BHC (Lindane)	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/21/2022 11:20:00 PM	Glyphosate	n/a	=	9	µg/L	EPA 547	1.8	5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	Heptachlor	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	Heptachlor epoxide	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.1	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Malathion	n/a	=	0.14	µg/L	EPA 625.1m	0.011	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Merphos	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Methyl parathion	n/a	<	0.0065	µg/L	EPA 625.1m	0.0065	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Mevinphos	n/a	<	0.0065	µg/L	EPA 625.1m	0.0065	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Naled	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/4/2022 11:41:00 AM	Pentachlorophenol	n/a	DNQ	0.063	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/13/2022 2:12:00 AM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/10/2022 2:12:00 PM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Phorate	n/a	<	0.007	µg/L	EPA 625.1m	0.007	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	12/4/2022 11:41:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.007	µg/L	EPA 625.1m	0.007	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Stirophos (Tetrachlorvinphos)	n/a	DNQ	0.012	µg/L	EPA 625.1m	0.012	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Tokuthion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/30/2022 12:30:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/18/2022 11:00:00 PM	Trichloronate	n/a	<	0.008	µg/L	EPA 625.1m	0.008	0.05	WKL	
MO-CAM	2022/23-1	Wet	11/9/2022 9:40:00 AM	11/16/2022 7:25:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:15:00 AM	12/3/2022 7:55:00 AM	E. Coli	n/a	=	8664	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-CAM	2022/23-2	Wet	12/2/2022 6:15:00 AM	12/3/2022 7:55:00 AM	Total Coliform	n/a	=	261300	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-CAM	2022/23-2	Wet	12/2/2022 6:15:00 AM	12/2/2022 6:15:00 AM	Conductivity	n/a	=	92.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2022/23-2	Wet	12/2/2022 6:15:00 AM	12/12/2022 6:19:00 PM	Cyanide	Total	=	0.0037	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:15:00 AM	12/2/2022 6:15:00 AM	DO	n/a	=	94	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2022/23-2	Wet	12/2/2022 6:15:00 AM	12/2/2022 6:15:00 AM	DO	n/a	=	9.89	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2022/23-2	Wet	12/2/2022 6:15:00 AM	12/2/2022 6:15:00 AM	pH	n/a	=	7.24	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2022/23-2	Wet	12/2/2022 6:15:00 AM	12/2/2022 6:15:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2022/23-2	Wet	12/2/2022 6:15:00 AM	12/2/2022 6:15:00 AM	Specific Conductance	n/a	=	120.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2022/23-2	Wet	12/2/2022 6:15:00 AM	12/2/2022 6:15:00 AM	Temperature	n/a	=	13.1	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2022/23-2	Wet	12/2/2022 6:15:00 AM	12/12/2022 6:27:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:15:00 AM	12/12/2022 11:07:00 AM	Oil and Grease	n/a	DNQ	3.1	mg/L	EPA 1664B	0.7	4.5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/15/2022 12:33:00 AM	Fluoride	n/a	=	13	mg/L	EPA 300.0	0.38	1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/15/2022 12:33:00 AM	Fluoride	n/a	DNQ	0.15	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/10/2022 10:35:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/9/2022 7:23:00 PM	Calcium	Total	=	13.9	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/9/2022 7:23:00 PM	Magnesium	Total	=	2.8	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/3/2022 12:21:00 PM	Alkalinity as CaCO3	n/a	=	31	mg/L	SM 2320 B	1.9	5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/7/2022 6:25:00 PM	BOD	n/a	=	56	mg/L	SM 5210 B	2	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/9/2022 3:34:00 PM	COD	n/a	=	170	mg/L	EPA 410.4	2.9	5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/9/2022 7:23:00 PM	Hardness as CaCO3	Total	=	46.1	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/2/2022 9:16:00 PM	MBAS	n/a	=	0.55	mg/L	SM 5540 C	0.12	0.25	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/14/2022 12:13:00 PM	Phenolics	n/a	=	0.011	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/14/2022 11:38:00 AM	Specific Conductance	n/a	=	170	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/4/2022 10:41:00 AM	Total Chlorine Residual	n/a	DNQ	0.044	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/8/2022 2:49:00 PM	Total Dissolved Solids	n/a	=	140	mg/L	SM 2540 C	4	10	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/8/2022 6:43:00 AM	Total Organic Carbon	n/a	=	44	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/6/2022 5:10:00 PM	Total Suspended Solids	n/a	=	33	mg/L	SM 2540 D	-88	5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/3/2022 2:13:00 PM	Turbidity	n/a	=	9.8	NTU	EPA 180.1	0.017	0.1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/6/2022 5:10:00 PM	Volatile Suspended Solids	n/a	=	33	mg/L	EPA 160.4	3.1	5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/19/2022 9:33:00 PM	Diesel Range Organics	n/a	=	0.83	mg/L	EPA 8015B	0.14	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/19/2022 9:33:00 PM	Oil Range Organics	n/a	DNQ	0.73	mg/L	EPA 8015B	0.45	1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:05:00 PM	Aluminum	Dissolved	=	80	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:08:00 PM	Aluminum	Total	=	960	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:05:00 PM	Antimony	Dissolved	=	0.83	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:08:00 PM	Antimony	Total	=	1.1	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:05:00 PM	Arsenic	Dissolved	=	1.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:08:00 PM	Arsenic	Total	=	1.9	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:08:00 PM	Barium	Total	=	20	µg/L	EPA 200.8	0.14	1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:05:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:08:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:05:00 PM	Cadmium	Dissolved	DNQ	0.084	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:08:00 PM	Cadmium	Total	=	0.24	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:05:00 PM	Chromium	Dissolved	=	0.78	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:08:00 PM	Chromium	Total	=	2.7	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/6/2022 3:19:00 PM	Chromium VI	n/a	=	0.3	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:05:00 PM	Copper	Dissolved	=	11	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:08:00 PM	Copper	Total	=	22	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:05:00 PM	Iron	Dissolved	=	170	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:08:00 PM	Iron	Total	=	1400	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:05:00 PM	Lead	Dissolved	=	0.4	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:08:00 PM	Lead	Total	=	2.4	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 4:32:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 4:34:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:05:00 PM	Nickel	Dissolved	=	3.6	µg/L	EPA 200.8	0.16	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:08:00 PM	Nickel	Total	=	6.2	µg/L	EPA 200.8	0.16	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:05:00 PM	Selenium	Dissolved	DNQ	0.21	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:08:00 PM	Selenium	Total	DNQ	0.31	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:05:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:08:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:05:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:08:00 PM	Thallium	Total	DNQ	0.06	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:05:00 PM	Zinc	Dissolved	=	58	µg/L	EPA 200.8	0.8	10	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/12/2022 5:08:00 PM	Zinc	Total	=	93	µg/L	EPA 200.8	1.7	10	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/7/2022 1:03:00 PM	Ammonia as N	n/a	=	0.95	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/3/2022 1:17:00 PM	Nitrate + Nitrite as N	n/a	=	0.57	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/9/2022 7:20:00 PM	Phosphorus as P	Dissolved	=	0.42	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/9/2022 7:23:00 PM	Phosphorus as P	Total	=	0.78	mg/L	EPA 200.7	0.018	0.05	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/19/2022 5:38:00 PM	TKN	n/a	=	3.6	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/6/2023 6:11:00 AM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/7/2023 4:55:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/7/2023 4:55:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/7/2023 4:55:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/7/2023 4:55:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/7/2023 4:55:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/7/2023 4:55:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/6/2023 6:11:00 AM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/7/2023 4:55:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/7/2023 4:55:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/7/2023 4:55:00 AM	3-4-Methylphenol	n/a	DNQ	0.94	µg/L	EPA 8270C	0.6	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/7/2023 4:55:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/7/2023 4:55:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/7/2023 4:55:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/6/2023 6:11:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/6/2023 6:11:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/6/2023 6:11:00 AM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/6/2023 6:11:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Benzenzidine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/6/2023 6:11:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/6/2023 6:11:00 AM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/6/2023 6:11:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/6/2023 6:11:00 AM	Benzo(k)fluoranthene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.48	µg/L	EPA 525.2	0.42	5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	1.6	µg/L	EPA 525.2	0.41	3	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	24	µg/L	EPA 625.1	4.6	10	WKL	R
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Butyl benzyl phthalate	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/6/2023 6:11:00 AM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/6/2023 6:11:00 AM	Dibenz(a,h)anthracene	n/a	<	0.072	µg/L	EPA 8270C	0.072	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Di-n-butylphthalate	n/a	<	0.68	µg/L	EPA 625.1	0.68	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/6/2023 6:11:00 AM	Fluoranthene	n/a	DNQ	0.1	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/6/2023 6:11:00 AM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/6/2023 6:11:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/6/2023 6:11:00 AM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/6/2023 6:11:00 AM	Phenanthrene	n/a	DNQ	0.09	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/7/2023 4:55:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/6/2023 6:11:00 AM	Pyrene	n/a	<	0.08	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/11/2022 9:53:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/11/2022 9:53:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 515.4	0.2	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/11/2022 9:53:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/11/2022 9:53:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/11/2022 9:53:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/11/2022 9:53:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/11/2022 9:53:00 AM	Bentazon	n/a	<	4	µg/L	EPA 515.4	4	4	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/11/2022 9:53:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/11/2022 9:53:00 AM	DCPA (Dacthal)	n/a	DNQ	0.06	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/11/2022 9:53:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/11/2022 9:53:00 AM	Dichlorprop	n/a	<	0.3	µg/L	EPA 515.4	0.3	0.3	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Dichlorvos	n/a	DNQ	0.0011	µg/L	EPA 625.1m	0.0009	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/11/2022 9:53:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/6/2022 2:24:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Malathion	n/a	=	0.034	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	Metolachlor	n/a	<	0.5	µg/L	EPA 525.2	0.5	0.5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/11/2022 9:53:00 AM	Pentachlorophenol	n/a	DNQ	0.057	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/4/2023 9:54:00 PM	Pentachlorophenol	n/a	DNQ	0.88	µg/L	EPA 625.1	0.8	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	1/7/2023 4:55:00 AM	Pentachlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/11/2022 9:53:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Ronnel (Fenclorophos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/28/2022 12:18:00 AM	Toxaphene	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/13/2022 3:55:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	
MO-CAM	2022/23-2	Wet	12/2/2022 6:20:00 AM	12/17/2022 4:50:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-CAM	2022/23-4	Wet	2/24/2023 6:10:00 AM	2/25/2023 12:20:00 PM	E. Coli	n/a	=	857	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-CAM	2022/23-4	Wet	2/24/2023 6:10:00 AM	2/25/2023 12:20:00 PM	Total Coliform	n/a	=	24196	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-CAM	2022/23-4	Wet	2/24/2023 6:10:00 AM	2/24/2023 6:10:00 AM	Conductivity	n/a	=	69.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2022/23-4	Wet	2/24/2023 6:10:00 AM	3/10/2023 3:02:00 PM	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-CAM	2022/23-4	Wet	2/24/2023 6:10:00 AM	2/24/2023 6:10:00 AM	DO	n/a	=	82	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2022/23-4	Wet	2/24/2023 6:10:00 AM	2/24/2023 6:10:00 AM	DO	n/a	=	9.21	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2022/23-4	Wet	2/24/2023 6:10:00 AM	2/24/2023 6:10:00 AM	pH	n/a	=	7.43	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2022/23-4	Wet	2/24/2023 6:10:00 AM	2/24/2023 6:10:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2022/23-4	Wet	2/24/2023 6:10:00 AM	2/24/2023 6:10:00 AM	Specific Conductance	n/a	=	96.9	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2022/23-4	Wet	2/24/2023 6:10:00 AM	2/24/2023 6:10:00 AM	Temperature	n/a	=	10.1	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2022/23-4	Wet	2/24/2023 6:10:00 AM	3/1/2023 1:34:00 AM	Gasoline Range Organics	n/a	DNQ	0.076	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-CAM	2022/23-4	Wet	2/24/2023 6:10:00 AM	3/17/2023 4:58:00 PM	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/6/2023 11:51:00 PM	Chloride	n/a	=	5.1	mg/L	EPA 300.0	0.38	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/6/2023 11:51:00 PM	Fluoride	n/a	DNQ	0.042	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/8/2023 9:13:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/10/2023 7:07:00 PM	Calcium	Total	=	6.6	mg/L	EPA 200.7	0.0736	0.5	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/10/2023 7:07:00 PM	Magnesium	Total	=	1.16	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/2/2023 1:57:00 PM	Alkalinity as CaCO3	n/a	=	34	mg/L	SM 2320 B	1.9	5	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/3/2023 1:21:00 PM	BOD	n/a	=	5.3	mg/L	SM 5210 B	2	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/13/2023 10:27:00 AM	COD	n/a	=	38	mg/L	EPA 410.4	2.9	5	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/10/2023 7:07:00 PM	Hardness as CaCO3	Total	=	21.3	mg/L	EPA 200.7	0.344	3.31	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	2/26/2023 3:33:00 PM	MBAS	n/a	=	0.1	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/15/2023 3:44:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/8/2023 10:27:00 AM	Specific Conductance	n/a	=	71	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/2/2023 12:22:00 PM	Total Dissolved Solids	n/a	=	32	mg/L	SM 2540 C	4	10	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/2/2023 1:50:00 AM	Total Organic Carbon	n/a	=	5	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/2/2023 5:22:00 PM	Total Suspended Solids	n/a	=	67	mg/L	SM 2540 D	-88	5	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	2/26/2023 5:06:00 PM	Turbidity	n/a	=	19	NTU	EPA 180.1	0.017	0.1	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/2/2023 5:22:00 PM	Volatile Suspended Solids	n/a	=	21	mg/L	EPA 160.4	3.1	5	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 1:24:00 PM	Diesel Range Organics	n/a	=	0.29	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 1:24:00 PM	Oil Range Organics	n/a	DNQ	0.4	mg/L	EPA 8015B	0.22	n/a	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:13:00 PM	Aluminum	Dissolved	=	20	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:15:00 PM	Aluminum	Total	=	900	µg/L	EPA 200.8	4.4	20	WKL	HB-MSR
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:13:00 PM	Antimony	Dissolved	DNQ	0.27	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:15:00 PM	Antimony	Total	=	0.52	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:13:00 PM	Arsenic	Dissolved	=	0.57	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:15:00 PM	Arsenic	Total	=	1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:15:00 PM	Barium	Total	=	17	µg/L	EPA 200.8	0.14	1	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:13:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:15:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:13:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:15:00 PM	Cadmium	Total	DNQ	0.11	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:13:00 PM	Chromium	Dissolved	=	0.4	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:15:00 PM	Chromium	Total	=	2.2	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/6/2023 8:08:00 PM	Chromium VI	n/a	=	0.32	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:13:00 PM	Copper	Dissolved	=	3.2	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:15:00 PM	Copper	Total	=	8.3	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:13:00 PM	Iron	Dissolved	=	23	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:15:00 PM	Iron	Total	=	1300	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:13:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:15:00 PM	Lead	Total	=	2.1	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/7/2023 1:32:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/7/2023 1:34:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:13:00 PM	Nickel	Dissolved	DNQ	0.75	µg/L	EPA 200.8	0.16	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:15:00 PM	Nickel	Total	=	2.5	µg/L	EPA 200.8	0.4	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:13:00 PM	Selenium	Dissolved	DNQ	0.079	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:15:00 PM	Selenium	Total	DNQ	0.15	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:13:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:15:00 PM	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:13:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:15:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:13:00 PM	Zinc	Dissolved	=	23	µg/L	EPA 200.8	1.7	10	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/9/2023 1:15:00 PM	Zinc	Total	=	61	µg/L	EPA 200.8	1.7	10	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/13/2023 12:56:00 PM	Ammonia as N	n/a	=	0.28	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/8/2023 3:44:00 PM	Nitrate + Nitrite as N	n/a	=	0.41	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/10/2023 7:04:00 PM	Phosphorus as P	Dissolved	=	0.1	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/10/2023 7:07:00 PM	Phosphorus as P	Total	=	0.21	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/21/2023 5:24:00 PM	TKN	n/a	=	0.91	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/30/2023 11:33:00 PM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	LB-LCSR
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 1:20:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 1:20:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 1:20:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 1:20:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 1:20:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 1:20:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/30/2023 11:33:00 PM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	LB-LCSR
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 1:20:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 1:20:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 1:20:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 1:20:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 1:20:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 1:20:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/30/2023 11:33:00 PM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/30/2023 11:33:00 PM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/30/2023 11:33:00 PM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/30/2023 11:33:00 PM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Benzo(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Benzo(b)anthracene	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Benzo(a)pyrene	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/30/2023 11:33:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/30/2023 11:33:00 PM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/30/2023 11:33:00 PM	Benzo(g,h,i)perylene	n/a	DNQ	0.11	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/30/2023 11:33:00 PM	Benzo(k)fluoranthene	n/a	DNQ	0.095	µg/L	EPA 8270C	0.052	0.2	WKL	ANI
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.85	µg/L	EPA 525.2	0.85	10	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.95	µg/L	EPA 525.2	0.82	6	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Butyl benzyl phthalate	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/30/2023 11:33:00 PM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/30/2023 11:33:00 PM	Dibenz(a,h)anthracene	n/a	<	0.072	µg/L	EPA 8270C	0.072	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Di-n-butylphthalate	n/a	<	0.68	µg/L	EPA 625.1	0.68	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/30/2023 11:33:00 PM	Fluoranthene	n/a	DNQ	0.12	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/30/2023 11:33:00 PM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Hexachlorocyclopentadiene	n/a	<	0.18	µg/L	EPA 525.2	0.18	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/30/2023 11:33:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/30/2023 11:33:00 PM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/30/2023 11:33:00 PM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 1:20:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/30/2023 11:33:00 PM	Pyrene	n/a	DNQ	0.12	µg/L	EPA 8270C	0.08	0.2	WKL	UL-MB
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	PCB Aroclor 1016	n/a	<	0.14	µg/L	EPA 608.3	0.14	2.5	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	PCB Aroclor 1232	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	PCB Aroclor 1242	n/a	<	0.48	µg/L	EPA 608.3	0.48	2.5	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	PCB Aroclor 1248	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	2.5	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	PCB Aroclor 1260	n/a	<	0.28	µg/L	EPA 608.3	0.28	2.5	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 2:02:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 2:02:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 2:02:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 2:02:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 2:02:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Alachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Atrazine	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 2:02:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Bromacil	n/a	<	0.14	µg/L	EPA 525.2	0.14	1	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Butachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Captan	n/a	<	0.64	µg/L	EPA 525.2	0.64	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Chlorpropham	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 2:02:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 2:02:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Diazinon	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 2:02:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 2:02:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Dimethoate	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.4	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 2:02:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Diphenamid	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	LB-LCSR
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	EPTC	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Fensulfthion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/4/2023 2:23:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Malathion	n/a	DNQ	0.0052	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Metribuzin	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Molinate	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 1:20:00 AM	Pentachlorophenol	n/a	DNQ	1	µg/L	EPA 8270C	0.3	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	4/1/2023 3:18:00 PM	Pentachlorophenol	n/a	<	0.8	µg/L	EPA 625.1	0.8	2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 2:02:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 2:02:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Prometryn	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Simazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Terbacil	n/a	<	0.18	µg/L	EPA 525.2	0.18	4	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Thiobencarb	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/16/2023 10:39:00 AM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 12:15:00 PM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
MO-CAM	2022/23-4	Wet	2/25/2023 5:40:00 AM	3/14/2023 4:16:00 PM	Triithion	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:35:00 AM	5/17/2023 9:25:00 AM	E. Coli	n/a	=	471	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-CAM	2022/23-6	Dry	5/16/2023 11:35:00 AM	5/17/2023 9:25:00 AM	Total Coliform	n/a	=	61310	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-CAM	2022/23-6	Dry	5/16/2023 11:35:00 AM	5/16/2023 11:35:00 AM	Conductivity	n/a	=	1254	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2022/23-6	Dry	5/16/2023 11:35:00 AM	5/23/2023 3:55:00 PM	Cyanide	Total	DNQ	0.0019	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:35:00 AM	5/16/2023 11:35:00 AM	DO	n/a	=	16.8	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2022/23-6	Dry	5/16/2023 11:35:00 AM	5/16/2023 11:35:00 AM	DO	n/a	=	201.6	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2022/23-6	Dry	5/16/2023 11:35:00 AM	5/16/2023 11:35:00 AM	pH	n/a	=	9.68	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-CAM	2022/23-6	Dry	5/16/2023 11:35:00 AM	5/16/2023 11:35:00 AM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2022/23-6	Dry	5/16/2023 11:35:00 AM	5/16/2023 11:35:00 AM	Specific Conductance	n/a	=	1276	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2022/23-6	Dry	5/16/2023 11:35:00 AM	5/16/2023 11:35:00 AM	Temperature	n/a	=	24	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2022/23-6	Dry	5/16/2023 11:35:00 AM	5/17/2023 10:01:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:35:00 AM	5/18/2023 3:01:00 PM	Oil and Grease	n/a	DNQ	1.4	mg/L	EPA 1664B	0.7	4.4	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/20/2023 9:31:00 PM	Chloride	n/a	=	670	mg/L	EPA 300.0	1.3	3.5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/20/2023 12:48:00 PM	Fluoride	n/a	=	0.72	mg/L	EPA 300.0	0.009	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/24/2023 3:20:00 AM	Perchlorate	n/a	<	0.39	µg/L	EPA 314.0	0.39	2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/25/2023 7:48:00 PM	Calcium	Total	=	120	mg/L	EPA 200.7	0.0736	0.5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/25/2023 7:48:00 PM	Magnesium	Total	=	26.2	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/22/2023 7:13:00 PM	Alkalinity as CaCO3	n/a	=	180	mg/L	SM 2320 B	1.9	5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/22/2023 5:28:00 PM	BOD	n/a	=	12	mg/L	SM 5210 B	2	2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 2:03:00 PM	COD	n/a	=	94	mg/L	EPA 410.4	2.9	5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/25/2023 4:06:00 PM	Hardness as CaCO3	Total	=	407	mg/L	EPA 200.7	0.344	3.31	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/17/2023 5:38:00 PM	MBAS	n/a	=	0.14	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/24/2023 2:25:00 PM	Phenolics	n/a	=	0.013	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/6/2023 4:09:00 PM	Specific Conductance	n/a	=	2700	µmhos/cm	SM 2510 B	3.2	6	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/19/2023 12:50:00 PM	Total Dissolved Solids	n/a	=	1600	mg/L	SM 2540 C	4	10	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/30/2023 3:29:00 PM	Total Organic Carbon	n/a	=	22	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/18/2023 4:06:00 PM	Total Suspended Solids	n/a	=	5	mg/L	SM 2540 D	-88	5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/17/2023 6:55:00 PM	Turbidity	n/a	=	3	NTU	EPA 180.1	0.017	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/18/2023 4:06:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/22/2023 8:47:00 PM	Diesel Range Organics	n/a	=	0.52	mg/L	EPA 8015B	0.072	0.1	WKL	EST-HT
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/22/2023 8:47:00 PM	Oil Range Organics	n/a	DNQ	0.47	mg/L	EPA 8015B	0.22	0.5	WKL	EST-HT
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:03:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:06:00 PM	Aluminum	Total	=	45	µg/L	EPA 200.8	4.4	20	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:03:00 PM	Antimony	Dissolved	=	1.5	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:06:00 PM	Antimony	Total	=	1.5	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:03:00 PM	Arsenic	Dissolved	=	2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:06:00 PM	Arsenic	Total	=	2.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:06:00 PM	Barium	Total	=	90	µg/L	EPA 200.8	0.14	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:03:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:06:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:03:00 PM	Cadmium	Dissolved	DNQ	0.11	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:06:00 PM	Cadmium	Total	DNQ	0.11	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:03:00 PM	Chromium	Dissolved	=	0.65	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:06:00 PM	Chromium	Total	=	0.86	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/25/2023 8:17:00 PM	Chromium VI	n/a	=	0.53	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:03:00 PM	Copper	Dissolved	=	42	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:06:00 PM	Copper	Total	=	47	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:03:00 PM	Iron	Dissolved	=	27	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:06:00 PM	Iron	Total	=	150	µg/L	EPA 200.8	3.9	20	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:03:00 PM	Lead	Dissolved	DNQ	0.096	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:06:00 PM	Lead	Total	=	0.34	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/24/2023 1:00:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/24/2023 1:02:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:03:00 PM	Nickel	Dissolved	=	2.5	µg/L	EPA 200.8	0.16	2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:06:00 PM	Nickel	Total	=	3	µg/L	EPA 200.8	0.4	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:03:00 PM	Selenium	Dissolved	=	0.57	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:06:00 PM	Selenium	Total	=	0.63	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:03:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:06:00 PM	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:03:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:06:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:03:00 PM	Zinc	Dissolved	=	23	µg/L	EPA 200.8	1.7	10	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 12:06:00 PM	Zinc	Total	=	28	µg/L	EPA 200.8	1.7	10	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/24/2023 3:45:00 PM	Ammonia as N	n/a	DNQ	0.047	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/17/2023 5:16:00 PM	Nitrate + Nitrite as N	n/a	DNQ	0.17	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/25/2023 7:45:00 PM	Phosphorus as P	Dissolved	=	0.14	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/25/2023 7:48:00 PM	Phosphorus as P	Total	=	0.21	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/6/2023 5:58:00 PM	TKN	n/a	=	1.9	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 2:48:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 7:48:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 7:48:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 7:48:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 7:48:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	2,4-Dinitrophenol	n/a	<	4.4	µg/L	EPA 625.1	4.4	10	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 7:48:00 AM	2,4-Dinitrophenol	n/a	DNQ	1.2	µg/L	EPA 8270C	1	2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 7:48:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 2:48:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 7:48:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 7:48:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 7:48:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 7:48:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 7:48:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 7:48:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 2:48:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 2:48:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 2:48:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Benz(a)anthracene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 2:48:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	Benzo(a)pyrene	n/a	<	0.045	µg/L	EPA 525.2	0.045	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Benzo(a)pyrene	n/a	<	0.82	µg/L	EPA 625.1	0.82	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 2:48:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 2:48:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 2:48:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Benzo(k)fluoranthene	n/a	<	0.72	µg/L	EPA 625.1	0.72	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 2:48:00 AM	Benzo(k)fluoranthene	n/a	<	0.059	µg/L	EPA 8270C	0.059	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	LB-LCSR
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.38	µg/L	EPA 525.2	0.38	5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 2:48:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 2:48:00 AM	Dibenz(a,h)anthracene	n/a	<	0.081	µg/L	EPA 8270C	0.081	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Dibenz(a,h)anthracene	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Diethyl phthalate	n/a	DNQ	0.37	µg/L	EPA 625.1	0.35	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Di-n-butylphthalate	n/a	DNQ	0.37	µg/L	EPA 625.1	0.34	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 2:48:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 2:48:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.66	µg/L	EPA 625.1	0.66	2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 2:48:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 2:48:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 2:48:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Phenol	n/a	DNQ	0.23	µg/L	EPA 625.1	0.17	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 7:48:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 2:48:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 4:36:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 4:36:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 515.4	0.2	0.2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 4:36:00 AM	2,4-D	n/a	=	7.8	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 4:36:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 4:36:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 4:36:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	Alachlor	n/a	<	0.063	µg/L	EPA 525.2	0.063	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	alpha-BHC	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	Atrazine	n/a	<	0.042	µg/L	EPA 525.2	0.042	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 4:36:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	Bromacil	n/a	<	0.24	µg/L	EPA 525.2	0.24	0.5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	Butachlor	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 4:36:00 AM	Dalapon	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 4:36:00 AM	DCPA (Dacthal)	n/a	=	0.18	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	LB-LCSR
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Diazinon	n/a	=	0.013	µg/L	EPA 625.1m	0.0034	0.01	WKL	LB-LCSR
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 4:36:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 4:36:00 AM	Dichlorprop	n/a	=	1	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	Dimethoate	n/a	<	0.041	µg/L	EPA 525.2	0.041	0.2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 4:36:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	Disulfoton	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	LB-LCSR
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	Endosulfan sulfate	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.25	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	LB-LCSR
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Fensulfothion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	LB-LCSR
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/30/2023 8:37:00 PM	Glyphosate	n/a	=	19	µg/L	EPA 547	1.8	5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Malathion	n/a	DNQ	0.0022	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 4:36:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/12/2023 2:19:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/26/2023 7:48:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 4:36:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Ronnel (Fenclorophos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	Simazine	n/a	<	0.058	µg/L	EPA 525.2	0.058	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	LB-LCSR
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	Thiobencarb	n/a	<	0.069	µg/L	EPA 525.2	0.069	0.1	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/8/2023 12:07:00 AM	Toxaphene	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	5/27/2023 1:10:00 AM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
MO-CAM	2022/23-6	Dry	5/16/2023 11:50:00 AM	6/5/2023 9:37:00 PM	Trithion	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.1	WKL	
MO-CAM	2023-DRY	Dry	10/17/2023 8:50:00 AM	10/18/2023 11:55:00 AM	E. Coli	n/a	=	2419.6	MPN/100 mL	MMO-MUG	-88	1	FGL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2023-DRY	Dry	10/17/2023 8:50:00 AM	10/18/2023 11:55:00 AM	Total Coliform	n/a	>	2419.6	MPN/100 mL	MMO-MUG	-88	1	FGL	
MO-CAM	2023-DRY	Dry	10/17/2023 8:50:00 AM	10/19/2023 6:15:00 PM	Calcium	Total	=	221	mg/L	EPA 200.7	0.13	1	FGL	
MO-CAM	2023-DRY	Dry	10/17/2023 8:50:00 AM	10/19/2023 6:15:00 PM	Magnesium	Total	=	18.5	mg/L	EPA 200.7	0.12	1	FGL	
MO-CAM	2023-DRY	Dry	10/17/2023 8:50:00 AM	10/17/2023 8:50:00 AM	Conductivity	n/a	=	1789	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2023-DRY	Dry	10/17/2023 8:50:00 AM	10/17/2023 8:50:00 AM	Discharge	n/a	=	0.04	cfs	Field Meter	-88	-88	Field Crew	
MO-CAM	2023-DRY	Dry	10/17/2023 8:50:00 AM	10/17/2023 8:50:00 AM	DO	n/a	=	11.4	mg/L	Field Meter	-88	0.3	Field Crew	
MO-CAM	2023-DRY	Dry	10/17/2023 8:50:00 AM	10/17/2023 8:50:00 AM	DO	n/a	=	114.3	%	Field Meter	-88	0.1	Field Crew	
MO-CAM	2023-DRY	Dry	10/17/2023 8:50:00 AM	10/19/2023 6:15:00 PM	Hardness as CaCO3	Total	=	628	mg/L	EPA 200.7	-88	2.5	FGL	
MO-CAM	2023-DRY	Dry	10/17/2023 8:50:00 AM	10/17/2023 8:50:00 AM	pH	n/a	=	8.23	pH Units	Field Meter	-88	0.01	Field Crew	
MO-CAM	2023-DRY	Dry	10/17/2023 8:50:00 AM	10/17/2023 8:50:00 AM	Salinity	n/a	=	1100	mg/L	Field Meter	-88	100	Field Crew	
MO-CAM	2023-DRY	Dry	10/17/2023 8:50:00 AM	10/17/2023 8:50:00 AM	Specific Conductance	n/a	=	2201	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-CAM	2023-DRY	Dry	10/17/2023 8:50:00 AM	10/17/2023 8:50:00 AM	Temperature	n/a	=	15.1	°C	Field Meter	-88	0.1	Field Crew	
MO-CAM	2023-DRY	Dry	10/17/2023 8:50:00 AM	10/17/2023 8:50:00 AM	Turbidity	n/a	=	4.1	NTU	Field Meter	-88	0.01	Field Crew	
MO-CAM	2023-DRY	Dry	10/17/2023 8:50:00 AM	10/21/2023 2:15:00 AM	Copper	Dissolved	=	7.36	µg/L	EPA 200.8	0.94	1	FGL	
MO-CAM	2023-DRY	Dry	10/17/2023 8:50:00 AM	10/21/2023 2:15:00 AM	Lead	Dissolved	DNQ	0.125	µg/L	EPA 200.8	0.035	1	FGL	
MO-CAM	2023-DRY	Dry	10/17/2023 8:50:00 AM	10/21/2023 2:15:00 AM	Zinc	Dissolved	DNQ	8.33	µg/L	EPA 200.8	357	10	FGL	
MO-FIL	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/8/2022 9:35:00 AM	Conductivity	n/a	=	501	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/18/2022 9:35:00 AM	Cyanide	Total	=	0.0038	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-FIL	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/8/2022 9:35:00 AM	DO	n/a	=	6.58	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/8/2022 9:35:00 AM	DO	n/a	=	68.4	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/8/2022 9:35:00 AM	pH	n/a	=	7.51	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/8/2022 9:35:00 AM	Salinity	n/a	=	300	mg/L	Field Meter	-88	100	Field Crew	
MO-FIL	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/8/2022 9:35:00 AM	Specific Conductance	n/a	=	572	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/8/2022 9:35:00 AM	Temperature	n/a	=	18.7	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/17/2022 2:58:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-FIL	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/23/2022 1:21:00 PM	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4	WKL	
MO-FIL	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/12/2022 10:51:00 AM	2-Chloroethyl vinyl ether	n/a	<	0.38	µg/L	EPA 624.1	0.38	2	WKL	DG
MO-FIL	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/12/2022 10:51:00 AM	Methyl tert-butyl ether (MTBE)	n/a	<	0.8	µg/L	EPA 624.1	0.8	2	WKL	DG
MO-FIL	2022/23-1	Wet	11/8/2022 9:50:00 AM	11/9/2022 1:25:00 PM	E. Coli	n/a	=	18500	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-FIL	2022/23-1	Wet	11/8/2022 9:50:00 AM	11/9/2022 1:25:00 PM	Total Coliform	n/a	=	101120	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/12/2022 3:17:00 PM	Chloride	n/a	=	24	mg/L	EPA 300.0	0.38	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/12/2022 3:17:00 PM	Fluoride	n/a	=	0.24	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/11/2022 10:25:00 AM	Perchlorate	n/a	=	12	µg/L	EPA 314.0	0.78	4	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 7:16:00 PM	Calcium	Total	=	48.2	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 7:16:00 PM	Magnesium	Total	=	11.2	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/12/2022 10:12:00 AM	Alkalinity as CaCO3	n/a	=	69	mg/L	SM 2320 B	1.9	5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 11:55:00 AM	BOD	n/a	=	12	mg/L	SM 5210 B	2	2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/22/2022 5:14:00 PM	COD	n/a	=	65	mg/L	EPA 410.4	2.9	5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 7:16:00 PM	Hardness as CaCO3	Total	=	166	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/10/2022 6:10:00 PM	MBAS	n/a	=	0.24	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/22/2022 11:45:00 AM	Phenolics	n/a	=	0.013	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/23/2022 11:05:00 AM	Specific Conductance	n/a	=	460	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/10/2022 3:41:00 PM	Total Chlorine Residual	n/a	=	0.06	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 6:58:00 PM	Total Dissolved Solids	n/a	=	320	mg/L	SM 2540 C	4	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 5:44:00 PM	Total Organic Carbon	n/a	=	14	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 2:03:00 PM	Total Suspended Solids	n/a	=	100	mg/L	SM 2540 D	-88	5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/10/2022 3:42:00 PM	Turbidity	n/a	=	44	NTU	EPA 180.1	0.085	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 2:03:00 PM	Volatile Suspended Solids	n/a	=	26	mg/L	EPA 160.4	3.1	5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/1/2022 9:21:00 AM	Diesel Range Organics	n/a	=	0.45	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/1/2022 9:21:00 AM	Oil Range Organics	n/a	=	0.56	mg/L	EPA 8015B	0.22	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 4:57:00 PM	Aluminum	Dissolved	=	20	µg/L	EPA 200.8	4.4	20	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 5:00:00 PM	Aluminum	Total	=	1500	µg/L	EPA 200.8	4.4	20	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 4:57:00 PM	Antimony	Dissolved	=	0.67	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 5:00:00 PM	Antimony	Total	=	0.94	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 4:57:00 PM	Arsenic	Dissolved	=	1.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 5:00:00 PM	Arsenic	Total	=	1.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 5:00:00 PM	Barium	Total	=	45	µg/L	EPA 200.8	0.14	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 4:57:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 5:00:00 PM	Beryllium	Total	DNQ	0.04	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 4:57:00 PM	Cadmium	Dissolved	DNQ	0.082	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 5:00:00 PM	Cadmium	Total	=	0.38	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 4:57:00 PM	Chromium	Dissolved	=	1.4	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 5:00:00 PM	Chromium	Total	=	5.3	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 2:39:00 PM	Chromium VI	n/a	=	1.4	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 4:57:00 PM	Copper	Dissolved	=	10	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 5:00:00 PM	Copper	Total	=	21	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 4:57:00 PM	Iron	Dissolved	=	48	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 5:00:00 PM	Iron	Total	=	2100	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 4:57:00 PM	Lead	Dissolved	=	0.2	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 5:00:00 PM	Lead	Total	=	3.7	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/21/2022 11:48:00 AM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/21/2022 11:50:00 AM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 4:57:00 PM	Nickel	Dissolved	=	2.6	µg/L	EPA 200.8	0.16	2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 5:00:00 PM	Nickel	Total	=	5.9	µg/L	EPA 200.8	0.16	2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 4:57:00 PM	Selenium	Dissolved	=	1.7	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 5:00:00 PM	Selenium	Total	=	1.9	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 4:57:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 5:00:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 4:57:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 5:00:00 PM	Thallium	Total	DNQ	0.034	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 4:57:00 PM	Zinc	Dissolved	=	31	µg/L	EPA 200.8	0.8	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 5:00:00 PM	Zinc	Total	=	100	µg/L	EPA 200.8	1.7	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/17/2022 4:30:00 PM	Ammonia as N	n/a	=	0.37	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/10/2022 3:30:00 PM	Nitrate + Nitrite as N	n/a	=	1.5	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/10/2022 3:30:00 PM	Nitrate as N	n/a	=	1.5	mg/L	EPA 353.2	0.04	0.2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 7:13:00 PM	Phosphorus as P	Dissolved	=	0.35	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/15/2022 7:16:00 PM	Phosphorus as P	Total	=	0.53	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/6/2022 4:28:00 PM	TKN	n/a	=	1.9	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/3/2022 8:49:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/10/2022 4:40:00 PM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/10/2022 4:40:00 PM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/10/2022 4:40:00 PM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	2,4-Dimethylphenol	n/a	<	7.6	µg/L	EPA 625.1	7.6	10	WKL	-LCSRPD, LB-L
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/10/2022 4:40:00 PM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	LB-LCSR
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/10/2022 4:40:00 PM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	2,4-Dinitrotoluene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/10/2022 4:40:00 PM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/3/2022 8:49:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/10/2022 4:40:00 PM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/10/2022 4:40:00 PM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	3,3'-Dichlorobenzidine	n/a	<	25	µg/L	EPA 625.1	25	50	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/10/2022 4:40:00 PM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	5	µg/L	EPA 625.1	5	50	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/10/2022 4:40:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/10/2022 4:40:00 PM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/10/2022 4:40:00 PM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/3/2022 8:49:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/3/2022 8:49:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Acenaphthylene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/3/2022 8:49:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Anthracene	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/3/2022 8:49:00 AM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Benzidine	n/a	<	32	µg/L	EPA 625.1	32	100	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/3/2022 8:49:00 AM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/3/2022 8:49:00 AM	Benzo(b)fluoranthene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/3/2022 8:49:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/3/2022 8:49:00 AM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	EST-LCSRPD
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Butyl benzyl phthalate	n/a	DNQ	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/3/2022 8:49:00 AM	Chrysene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Dibenz(a,h)anthracene	n/a	<	1.5	µg/L	EPA 625.1	1.5	20	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/3/2022 8:49:00 AM	Dibenz(a,h)anthracene	n/a	<	0.36	µg/L	EPA 8270C	0.36	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Diethyl phthalate	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Di-n-butylphthalate	n/a	<	3.4	µg/L	EPA 625.1	3.4	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Fluoranthene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/3/2022 8:49:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/3/2022 8:49:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Hexachlorocyclopentadiene	n/a	<	3.1	µg/L	EPA 625.1	3.1	50	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/3/2022 8:49:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	20	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/3/2022 8:49:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/3/2022 8:49:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Phenol	n/a	<	8.1	µg/L	EPA 625.1	8.1	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/10/2022 4:40:00 PM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/3/2022 8:49:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/4/2022 2:16:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/4/2022 2:16:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/4/2022 2:16:00 PM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/4/2022 2:16:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/4/2022 2:16:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	4,4'-DDD	n/a	<	0.027	µg/L	EPA 608.3	0.027	0.5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	4,4'-DDE	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	4,4'-DDT	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/4/2022 2:16:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Azinphos methyl	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/4/2022 2:16:00 PM	Bentazon	n/a	<	1	µg/L	EPA 515.4	1	2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Bolstar	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Chlorpyrifos	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Coumaphos	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/4/2022 2:16:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/4/2022 2:16:00 PM	DCPA (Daacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Demeton-O	n/a	<	0.0097	µg/L	EPA 625.1m	0.0097	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Demeton-S	n/a	<	0.0072	µg/L	EPA 625.1m	0.0072	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Diazinon	n/a	DNQ	0.011	µg/L	EPA 625.1m	0.0051	0.05	WKL	LB-LCSR
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/4/2022 2:16:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/4/2022 2:16:00 PM	Dichlorprop	n/a	<	0.3	µg/L	EPA 515.4	0.3	0.3	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Dichlorvos	n/a	DNQ	0.012	µg/L	EPA 625.1m	0.0046	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	Dieldrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Dimethoate	n/a	DNQ	0.013	µg/L	EPA 625.1m	0.013	0.05	WKL	UL-MB
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/4/2022 2:16:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Disulfoton	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	Endosulfan I	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Ethoprop	n/a	<	0.0033	µg/L	EPA 625.1m	0.0033	0.05	WKL	LB-LCSR
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Fenthion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	gamma-BHC (Lindane)	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/22/2022 12:21:00 AM	Glyphosate	n/a	=	25	µg/L	EPA 547	1.8	5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	Heptachlor	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	Heptachlor epoxide	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.1	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Malathion	n/a	DNQ	0.043	µg/L	EPA 625.1m	0.011	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Merphos	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Methyl parathion	n/a	<	0.0065	µg/L	EPA 625.1m	0.0065	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Mevinphos	n/a	<	0.0065	µg/L	EPA 625.1m	0.0065	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Naled	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/4/2022 2:16:00 PM	Pentachlorophenol	n/a	DNQ	0.097	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/13/2022 4:37:00 AM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/10/2022 4:40:00 PM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Phorate	n/a	<	0.007	µg/L	EPA 625.1m	0.007	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	12/4/2022 2:16:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.007	µg/L	EPA 625.1m	0.007	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Stirophos (Tetrachlorvinphos)	n/a	DNQ	0.013	µg/L	EPA 625.1m	0.012	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Tokuthion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/30/2022 3:02:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/19/2022 12:52:00 AM	Trichloronate	n/a	<	0.008	µg/L	EPA 625.1m	0.008	0.05	WKL	
MO-FIL	2022/23-1	Wet	11/9/2022 11:10:00 AM	11/16/2022 9:36:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 4:00:00 AM	12/3/2022 8:30:00 AM	E. Coli	n/a	=	3076	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-FIL	2022/23-2	Wet	12/2/2022 4:00:00 AM	12/3/2022 8:30:00 AM	Total Coliform	n/a	=	155310	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-FIL	2022/23-2	Wet	12/2/2022 4:00:00 AM	12/2/2022 4:00:00 AM	Conductivity	n/a	=	204.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2022/23-2	Wet	12/2/2022 4:00:00 AM	12/12/2022 6:27:00 PM	Cyanide	Total	=	0.0028	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 4:00:00 AM	12/2/2022 4:00:00 AM	DO	n/a	=	7.38	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2022/23-2	Wet	12/2/2022 4:00:00 AM	12/2/2022 4:00:00 AM	DO	n/a	=	71	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2022/23-2	Wet	12/2/2022 4:00:00 AM	12/2/2022 4:00:00 AM	pH	n/a	=	7.72	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2022/23-2	Wet	12/2/2022 4:00:00 AM	12/2/2022 4:00:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-FIL	2022/23-2	Wet	12/2/2022 4:00:00 AM	12/2/2022 4:00:00 AM	Specific Conductance	n/a	=	261.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2022/23-2	Wet	12/2/2022 4:00:00 AM	12/2/2022 4:00:00 AM	Temperature	n/a	=	13.7	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2022/23-2	Wet	12/2/2022 4:00:00 AM	12/12/2022 7:21:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 4:00:00 AM	12/12/2022 3:21:00 PM	Oil and Grease	n/a	DNQ	2.4	mg/L	EPA 1664B	0.6	4	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/15/2022 2:03:00 AM	Chloride	n/a	=	10	mg/L	EPA 300.0	0.38	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/15/2022 2:03:00 AM	Fluoride	n/a	DNQ	0.12	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/10/2022 12:49:00 PM	Perchlorate	n/a	DNQ	2.6	µg/L	EPA 314.0	0.78	4	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/9/2022 5:46:00 PM	Calcium	Total	=	22.1	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/9/2022 5:46:00 PM	Magnesium	Total	=	4.51	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/3/2022 12:44:00 PM	Alkalinity as CaCO3	n/a	=	32	mg/L	SM 2320 B	1.9	5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/7/2022 6:34:00 PM	BOD	n/a	=	11	mg/L	SM 5210 B	2	2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/9/2022 3:22:00 PM	COD	n/a	=	45	mg/L	EPA 410.4	2.9	5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/9/2022 5:46:00 PM	Hardness as CaCO3	Total	=	73.7	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/2/2022 9:16:00 PM	MBAS	n/a	=	0.28	mg/L	SM 5540 C	0.023	0.05	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/14/2022 12:22:00 PM	Phenolics	n/a	=	0.029	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/14/2022 11:45:00 AM	Specific Conductance	n/a	=	220	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/4/2022 10:44:00 AM	Total Chlorine Residual	n/a	DNQ	0.032	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/8/2022 1:39:00 PM	Total Dissolved Solids	n/a	=	140	mg/L	SM 2540 C	4	10	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/8/2022 9:25:00 AM	Total Organic Carbon	n/a	=	12	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/6/2022 5:10:00 PM	Total Suspended Solids	n/a	=	9	mg/L	SM 2540 D	-88	5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/3/2022 2:13:00 PM	Turbidity	n/a	=	6.9	NTU	EPA 180.1	0.017	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/6/2022 5:10:00 PM	Volatile Suspended Solids	n/a	=	9	mg/L	EPA 160.4	3.1	5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/20/2022 12:26:00 AM	Diesel Range Organics	n/a	=	0.33	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/20/2022 12:26:00 AM	Oil Range Organics	n/a	DNQ	0.41	mg/L	EPA 8015B	0.22	0.5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:52:00 PM	Aluminum	Dissolved	DNQ	15	µg/L	EPA 200.8	4.4	20	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:55:00 PM	Aluminum	Total	=	310	µg/L	EPA 200.8	4.4	20	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:52:00 PM	Antimony	Dissolved	DNQ	0.43	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:55:00 PM	Antimony	Total	DNQ	0.48	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:52:00 PM	Arsenic	Dissolved	=	0.68	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:55:00 PM	Arsenic	Total	=	0.78	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:55:00 PM	Barium	Total	=	16	µg/L	EPA 200.8	0.14	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:52:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:55:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:52:00 PM	Cadmium	Dissolved	DNQ	0.054	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:55:00 PM	Cadmium	Total	DNQ	0.12	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:52:00 PM	Chromium	Dissolved	=	0.85	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:55:00 PM	Chromium	Total	=	1.5	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/6/2022 6:04:00 PM	Chromium VI	n/a	=	0.66	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:52:00 PM	Copper	Dissolved	=	6.8	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:55:00 PM	Copper	Total	=	9.2	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:52:00 PM	Iron	Dissolved	DNQ	19	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:55:00 PM	Iron	Total	=	440	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:52:00 PM	Lead	Dissolved	DNQ	0.096	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:55:00 PM	Lead	Total	=	0.79	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 4:54:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 4:56:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:52:00 PM	Nickel	Dissolved	DNQ	1.7	µg/L	EPA 200.8	0.16	2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:55:00 PM	Nickel	Total	=	2.3	µg/L	EPA 200.8	0.16	2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:52:00 PM	Selenium	Dissolved	=	0.62	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:55:00 PM	Selenium	Total	=	0.67	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:52:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:55:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:52:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:55:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:52:00 PM	Zinc	Dissolved	=	30	µg/L	EPA 200.8	0.8	10	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 6:55:00 PM	Zinc	Total	=	45	µg/L	EPA 200.8	1.7	10	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/7/2022 1:13:00 PM	Ammonia as N	n/a	=	0.34	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/3/2022 1:54:00 PM	Nitrate + Nitrite as N	n/a	=	0.78	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/9/2022 5:43:00 PM	Phosphorus as P	Dissolved	=	0.31	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/9/2022 5:46:00 PM	Phosphorus as P	Total	=	0.4	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/19/2022 5:47:00 PM	TKN	n/a	=	1.3	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/6/2023 8:53:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/9/2023 3:11:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/9/2023 3:11:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/9/2023 3:11:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/9/2023 3:11:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/9/2023 3:11:00 PM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/9/2023 3:11:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/6/2023 8:53:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/9/2023 3:11:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/9/2023 3:11:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/9/2023 3:11:00 PM	3-4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/9/2023 3:11:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/9/2023 3:11:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/9/2023 3:11:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/6/2023 8:53:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/6/2023 8:53:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/6/2023 8:53:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/6/2023 8:53:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Benzenzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/6/2023 8:53:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/6/2023 8:53:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/6/2023 8:53:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/6/2023 8:53:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.56	µg/L	EPA 525.2	0.42	5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	6.6	µg/L	EPA 625.1	2.3	5	WKL	R
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.96	µg/L	EPA 525.2	0.41	3	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/6/2023 8:53:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/6/2023 8:53:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/6/2023 8:53:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/6/2023 8:53:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/6/2023 8:53:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/6/2023 8:53:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/6/2023 8:53:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/9/2023 3:11:00 PM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/6/2023 8:53:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/11/2022 12:03:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/11/2022 12:03:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/11/2022 12:03:00 PM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/11/2022 12:03:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/11/2022 12:03:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/11/2022 12:03:00 PM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/11/2022 12:03:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/11/2022 12:03:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/11/2022 12:03:00 PM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/11/2022 12:03:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/11/2022 12:03:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/11/2022 12:03:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	Endosulfan sulfate	n/a	<	0.05	µg/L	EPA 608.3	0.05	0.25	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Fensulfthion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/6/2022 3:29:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Malathion	n/a	=	0.042	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/5/2023 12:25:00 AM	Pentachlorophenol	n/a	DNQ	0.49	µg/L	EPA 625.1	0.4	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	1/9/2023 3:11:00 PM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/11/2022 12:03:00 PM	Pentachlorophenol	n/a	DNQ	0.068	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/11/2022 12:03:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/28/2022 2:50:00 AM	Toxaphene	n/a	<	1.2	µg/L	EPA 608.3	1.2	2.5	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/13/2022 5:46:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	
MO-FIL	2022/23-2	Wet	12/2/2022 7:15:00 AM	12/17/2022 7:12:00 AM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/24/2023 9:10:00 AM	2/25/2023 11:20:00 AM	E. Coli	n/a	=	3255	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-FIL	2022/23-4	Wet	2/24/2023 9:10:00 AM	2/25/2023 11:20:00 AM	Total Coliform	n/a	=	52470	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-FIL	2022/23-4	Wet	2/24/2023 9:10:00 AM	2/24/2023 9:10:00 AM	Conductivity	n/a	=	63.6	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2022/23-4	Wet	2/24/2023 9:10:00 AM	3/10/2023 3:12:00 PM	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-FIL	2022/23-4	Wet	2/24/2023 9:10:00 AM	2/24/2023 9:10:00 AM	DO	n/a	=	10.73	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2022/23-4	Wet	2/24/2023 9:10:00 AM	2/24/2023 9:10:00 AM	DO	n/a	=	94.3	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2022/23-4	Wet	2/24/2023 9:10:00 AM	2/24/2023 9:10:00 AM	pH	n/a	=	7.64	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2022/23-4	Wet	2/24/2023 9:10:00 AM	2/24/2023 9:10:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-FIL	2022/23-4	Wet	2/24/2023 9:10:00 AM	2/24/2023 9:10:00 AM	Specific Conductance	n/a	=	89.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2022/23-4	Wet	2/24/2023 9:10:00 AM	2/24/2023 9:10:00 AM	Temperature	n/a	=	9.4	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2022/23-4	Wet	2/24/2023 9:10:00 AM	3/1/2023 2:26:00 AM	Gasoline Range Organics	n/a	DNQ	0.075	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/24/2023 9:10:00 AM	3/21/2023 4:56:00 PM	Oil and Grease	n/a	DNQ	1.6	mg/L	EPA 1664B	0.7	4.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/7/2023 1:57:00 AM	Chloride	n/a	=	4.7	mg/L	EPA 300.0	0.19	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/7/2023 1:57:00 AM	Fluoride	n/a	DNQ	0.064	mg/L	EPA 300.0	0.009	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/8/2023 11:28:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/10/2023 7:51:00 PM	Calcium	Total	=	16.1	mg/L	EPA 200.7	0.0736	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/10/2023 7:51:00 PM	Magnesium	Total	=	3.53	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/2/2023 2:27:00 PM	Alkalinity as CaCO3	n/a	=	25	mg/L	SM 2320 B	1.9	5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/3/2023 1:34:00 PM	BOD	n/a	=	3.5	mg/L	SM 5210 B	2	2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/13/2023 10:28:00 AM	COD	n/a	=	24	mg/L	EPA 410.4	2.9	5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/10/2023 7:51:00 PM	Hardness as CaCO3	Total	=	54.6	mg/L	EPA 200.7	0.344	3.31	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	2/26/2023 3:36:00 PM	MBAS	n/a	=	0.076	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/15/2023 3:59:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/8/2023 12:44:00 PM	Specific Conductance	n/a	=	140	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/2/2023 12:22:00 PM	Total Dissolved Solids	n/a	=	82	mg/L	SM 2540 C	4	10	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/2/2023 3:23:00 AM	Total Organic Carbon	n/a	=	3.4	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/2/2023 5:22:00 PM	Total Suspended Solids	n/a	=	180	mg/L	SM 2540 D	-88	5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	2/26/2023 5:06:00 PM	Turbidity	n/a	=	86	NTU	EPA 180.1	0.085	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/2/2023 5:22:00 PM	Volatile Suspended Solids	n/a	=	20	mg/L	EPA 160.4	3.1	5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 4:17:00 PM	Diesel Range Organics	n/a	=	0.18	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 4:17:00 PM	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:56:00 PM	Aluminum	Dissolved	DNQ	17	µg/L	EPA 200.8	4.4	20	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:59:00 PM	Aluminum	Total	=	3400	µg/L	EPA 200.8	4.4	20	WKL	HB-MSR
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:56:00 PM	Antimony	Dissolved	DNQ	0.24	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:59:00 PM	Antimony	Total	DNQ	0.49	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:56:00 PM	Arsenic	Dissolved	=	0.86	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:59:00 PM	Arsenic	Total	=	2.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:59:00 PM	Barium	Total	=	62	µg/L	EPA 200.8	0.14	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:56:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:59:00 PM	Beryllium	Total	=	0.19	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:56:00 PM	Cadmium	Dissolved	DNQ	0.12	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:59:00 PM	Cadmium	Total	=	0.86	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:56:00 PM	Chromium	Dissolved	=	0.59	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:59:00 PM	Chromium	Total	=	6.6	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/6/2023 9:55:00 AM	Chromium VI	n/a	=	0.42	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:56:00 PM	Copper	Dissolved	=	3.2	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:59:00 PM	Copper	Total	=	12	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:56:00 PM	Iron	Dissolved	=	26	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:59:00 PM	Iron	Total	=	5200	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:56:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:59:00 PM	Lead	Total	=	3.8	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/10/2023 11:49:00 AM	Mercury	Dissolved	=	54	ng/L	EPA 245.1	37	50	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/10/2023 11:51:00 AM	Mercury	Total	=	64	ng/L	EPA 245.1	37	50	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:56:00 PM	Nickel	Dissolved	DNQ	1	µg/L	EPA 200.8	0.16	2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:59:00 PM	Nickel	Total	=	8.4	µg/L	EPA 200.8	0.4	2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:56:00 PM	Selenium	Dissolved	=	0.44	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:59:00 PM	Selenium	Total	=	0.74	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:56:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:59:00 PM	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:56:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:59:00 PM	Thallium	Total	DNQ	0.098	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:56:00 PM	Zinc	Dissolved	=	12	µg/L	EPA 200.8	1.7	10	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/9/2023 1:59:00 PM	Zinc	Total	=	65	µg/L	EPA 200.8	1.7	10	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/13/2023 1:01:00 PM	Ammonia as N	n/a	=	0.27	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/8/2023 3:52:00 PM	Nitrate + Nitrite as N	n/a	=	0.47	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/10/2023 7:49:00 PM	Phosphorus as P	Dissolved	=	0.13	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/10/2023 7:51:00 PM	Phosphorus as P	Total	=	0.37	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/21/2023 5:32:00 PM	TKN	n/a	=	1.1	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/31/2023 2:22:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	LB-LCSR
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 3:55:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 3:55:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 3:55:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 3:55:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 3:55:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 3:55:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/31/2023 2:22:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	LB-LCSR
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 3:55:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 3:55:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 3:55:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 3:55:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 3:55:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 3:55:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/31/2023 2:22:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/31/2023 2:22:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/31/2023 2:22:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/31/2023 2:22:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Benzdine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/31/2023 2:22:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/31/2023 2:22:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/31/2023 2:22:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/31/2023 2:22:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/31/2023 2:22:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/31/2023 2:22:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/31/2023 2:22:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/31/2023 2:22:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/31/2023 2:22:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/31/2023 2:22:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/31/2023 2:22:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 3:55:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/31/2023 2:22:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 5:46:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	PCB Aroclor 1016	n/a	<	0.14	µg/L	EPA 608.3	0.14	2.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	PCB Aroclor 1232	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	PCB Aroclor 1242	n/a	<	0.48	µg/L	EPA 608.3	0.48	2.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	PCB Aroclor 1248	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	2.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	PCB Aroclor 1260	n/a	<	0.28	µg/L	EPA 608.3	0.28	2.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 4:13:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 4:13:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 4:13:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 4:13:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 4:13:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 4:13:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 4:13:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 4:13:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 4:13:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 4:13:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 4:13:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 4:13:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	LB-LCSR
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Fensulfothion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/4/2023 3:25:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Malathion	n/a	DNQ	0.0095	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 3:55:00 AM	Pentachlorophenol	n/a	DNQ	0.59	µg/L	EPA 8270C	0.15	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	4/1/2023 6:40:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 4:13:00 AM	Pentachlorophenol	n/a	DNQ	0.073	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 4:13:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/16/2023 1:11:00 PM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/11/2023 12:05:00 AM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
MO-FIL	2022/23-4	Wet	2/25/2023 6:40:00 AM	3/14/2023 6:27:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/23/2023 2:56:00 AM	Chloride	n/a	=	54	mg/L	EPA 300.0	0.19	0.5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/23/2023 2:56:00 AM	Fluoride	n/a	=	0.98	mg/L	EPA 300.0	0.009	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/24/2023 7:54:00 PM	Perchlorate	n/a	=	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/19/2023 1:15:00 PM	E. Coli	n/a	=	809	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/19/2023 1:15:00 PM	Total Coliform	n/a	=	92080	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 4:29:00 PM	Calcium	Total	=	113	mg/L	EPA 200.7	0.0736	0.5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 4:29:00 PM	Magnesium	Total	=	32.1	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/26/2023 3:48:00 PM	Alkalinity as CaCO3	n/a	=	210	mg/L	SM 2320 B	1.9	5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/24/2023 5:45:00 PM	BOD	n/a	=	2.2	mg/L	SM 5210 B	2	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/5/2023 2:15:00 PM	COD	n/a	=	370	mg/L	EPA 410.4	2.9	5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/18/2023 8:30:00 AM	Conductivity	n/a	=	968	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 5:13:00 PM	Cyanide	Total	DNQ	0.0015	mg/L	ASTM D7511	0.0006	0.002	WKL	UL-MB
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/18/2023 8:30:00 AM	DO	n/a	=	7.06	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/18/2023 8:30:00 AM	DO	n/a	=	74.4	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 4:29:00 PM	Hardness as CaCO3	Total	=	413	mg/L	EPA 200.7	0.344	3.31	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/19/2023 6:25:00 PM	MBAS	n/a	=	0.098	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/18/2023 8:30:00 AM	pH	n/a	=	7.98	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/6/2023 4:51:00 PM	Phenolics	n/a	=	0.012	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/18/2023 8:30:00 AM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/18/2023 8:30:00 AM	Specific Conductance	n/a	=	1121	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/7/2023 3:10:00 PM	Specific Conductance	n/a	=	1100	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/18/2023 8:30:00 AM	Temperature	n/a	=	17.7	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/22/2023 1:52:00 PM	Total Dissolved Solids	n/a	=	760	mg/L	SM 2540 C	4	10	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:45:00 AM	Total Organic Carbon	n/a	=	5.4	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/23/2023 12:05:00 PM	Total Suspended Solids	n/a	=	27	mg/L	SM 2540 D	-88	5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/19/2023 7:47:00 PM	Turbidity	n/a	=	3.8	NTU	EPA 180.1	0.017	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/23/2023 12:05:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/27/2023 8:13:00 PM	Diesel Range Organics	n/a	=	0.19	mg/L	EPA 8015B	0.072	0.1	WKL	EST-HT
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/1/2023 8:31:00 PM	Gasoline Range Organics	n/a	DNQ	0.13	mg/L	EPA 8260B	0.065	0.3	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/22/2023 5:08:00 PM	Oil and Grease	n/a	DNQ	0.8	mg/L	EPA 1664B	0.6	4	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/27/2023 8:13:00 PM	Oil Range Organics	n/a	DNQ	0.22	mg/L	EPA 8015B	0.22	0.5	WKL	EST-HT
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:48:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:51:00 PM	Aluminum	Total	=	630	µg/L	EPA 200.8	4.4	20	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:48:00 PM	Antimony	Dissolved	=	0.57	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:51:00 PM	Antimony	Total	=	0.61	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:48:00 PM	Arsenic	Dissolved	=	1.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:51:00 PM	Arsenic	Total	=	1.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:51:00 PM	Barium	Total	=	52	µg/L	EPA 200.8	0.14	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:48:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:51:00 PM	Beryllium	Total	DNQ	0.042	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:48:00 PM	Cadmium	Dissolved	=	0.43	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:51:00 PM	Cadmium	Total	=	0.63	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:48:00 PM	Chromium	Dissolved	=	0.31	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:51:00 PM	Chromium	Total	=	1.4	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 7:34:00 PM	Chromium VI	n/a	=	0.16	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:48:00 PM	Copper	Dissolved	=	8.8	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:51:00 PM	Copper	Total	=	13	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:48:00 PM	Iron	Dissolved	DNQ	12	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:51:00 PM	Iron	Total	=	1100	µg/L	EPA 200.8	3.9	20	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:48:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:51:00 PM	Lead	Total	=	0.75	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/24/2023 1:30:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/24/2023 1:32:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:48:00 PM	Nickel	Dissolved	DNQ	1.5	µg/L	EPA 200.8	0.16	2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:51:00 PM	Nickel	Total	=	2.9	µg/L	EPA 200.8	0.4	2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:48:00 PM	Selenium	Dissolved	=	3.4	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:51:00 PM	Selenium	Total	=	3.5	µg/L	EPA 200.8	0.067	0.4	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:48:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:51:00 PM	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:48:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:51:00 PM	Thallium	Total	DNQ	0.024	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:48:00 PM	Zinc	Dissolved	=	17	µg/L	EPA 200.8	1.7	10	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 2:51:00 PM	Zinc	Total	=	28	µg/L	EPA 200.8	1.7	10	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 6:34:00 PM	Ammonia as N	n/a	=	0.21	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/19/2023 5:14:00 PM	Nitrate + Nitrite as N	n/a	=	0.79	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 4:26:00 PM	Phosphorus as P	Dissolved	=	0.19	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/31/2023 4:29:00 PM	Phosphorus as P	Total	=	0.27	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/7/2023 6:32:00 PM	TKN	n/a	=	1	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	LB-LCSR
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	LB-LCSR
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	LB-LCSR
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/20/2023 8:29:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/22/2023 12:13:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	2,4,6-Trichlorophenol	n/a	DNQ	0.26	µg/L	EPA 625.1	0.22	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/22/2023 12:13:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/22/2023 12:13:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/22/2023 12:13:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/22/2023 12:13:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	2,4-Dinitrophenol	n/a	<	4.4	µg/L	EPA 625.1	4.4	10	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	LB-LCSR
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/22/2023 12:13:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/20/2023 8:29:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/22/2023 12:13:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/22/2023 12:13:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/22/2023 12:13:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/22/2023 12:13:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/22/2023 12:13:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/22/2023 12:13:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/20/2023 8:29:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/20/2023 8:29:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/20/2023 8:29:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Benz(a)anthracene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/20/2023 8:29:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Benizidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/20/2023 8:29:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Benzo(a)pyrene	n/a	<	0.82	µg/L	EPA 625.1	0.82	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	Benzo(a)pyrene	n/a	<	0.045	µg/L	EPA 525.2	0.045	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/20/2023 8:29:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/20/2023 8:29:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Benzo(k)fluoranthene	n/a	<	0.72	µg/L	EPA 625.1	0.72	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/20/2023 8:29:00 AM	Benzo(k)fluoranthene	n/a	<	0.059	µg/L	EPA 8270C	0.059	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	LB-LCSR
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.38	µg/L	EPA 525.2	0.38	5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	5	µg/L	EPA 625.1	2.3	5	WKL	UL-MB
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/20/2023 8:29:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Dibenz(a,h)anthracene	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/20/2023 8:29:00 AM	Dibenz(a,h)anthracene	n/a	<	0.081	µg/L	EPA 8270C	0.081	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/20/2023 8:29:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	LB-LCSR
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/20/2023 8:29:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	LB-LCSR
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.66	µg/L	EPA 625.1	0.66	2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/20/2023 8:29:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/20/2023 8:29:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/20/2023 8:29:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/22/2023 12:13:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Phenol	n/a	<	0.17	µg/L	EPA 625.1	0.17	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	LB-LCSR
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/20/2023 8:29:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	PCB Aroclor 1221	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	PCB Aroclor 1232	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	PCB Aroclor 1242	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	PCB Aroclor 1248	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	PCB Aroclor 1254	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	PCB Aroclor 1260	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/27/2023 9:48:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/27/2023 9:48:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/27/2023 9:48:00 AM	2,4-D	n/a	=	0.74	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/27/2023 9:48:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/27/2023 9:48:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/27/2023 9:48:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	Alachlor	n/a	<	0.063	µg/L	EPA 525.2	0.063	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	alpha-BHC	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	Atrazine	n/a	<	0.042	µg/L	EPA 525.2	0.042	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/27/2023 9:48:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	Bromacil	n/a	<	0.24	µg/L	EPA 525.2	0.24	0.5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	Butachlor	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/27/2023 9:48:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/27/2023 9:48:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/27/2023 9:48:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/27/2023 9:48:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	Dimethoate	n/a	<	0.041	µg/L	EPA 525.2	0.041	0.2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/27/2023 9:48:00 AM	Dinoseb	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	Disulfoton	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	Endosulfan sulfate	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.25	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/30/2023 9:48:00 PM	Glyphosate	n/a	=	11	µg/L	EPA 547	1.8	5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/22/2023 12:13:00 AM	Pentachlorophenol	n/a	DNQ	0.71	µg/L	EPA 8270C	0.15	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/27/2023 9:48:00 AM	Pentachlorophenol	n/a	DNQ	0.072	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/17/2023 2:27:00 AM	Pentachlorophenol	n/a	DNQ	0.41	µg/L	EPA 625.1	0.4	1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	5/27/2023 9:48:00 AM	Picloram	n/a	<	0.6	µg/L	EPA 515.4	0.6	0.6	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	Simazine	n/a	<	0.058	µg/L	EPA 525.2	0.058	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	Thiobencarb	n/a	<	0.069	µg/L	EPA 525.2	0.069	0.1	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/8/2023 3:09:00 AM	Toxaphene	n/a	<	1.2	µg/L	EPA 608.3	1.2	2.5	WKL	
MO-FIL	2022/23-6	Dry	5/18/2023 8:30:00 AM	6/13/2023 3:10:00 AM	Trithion	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.1	WKL	
MO-FIL	2023-DRY	Dry	8/30/2023 7:40:00 AM	8/31/2023 2:45:00 PM	E. Coli	n/a	=	74	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-FIL	2023-DRY	Dry	8/30/2023 7:40:00 AM	8/31/2023 2:45:00 PM	Total Coliform	n/a	=	17329	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-FIL	2023-DRY	Dry	8/30/2023 7:40:00 AM	9/14/2023 7:20:00 PM	Calcium	Total	=	127	mg/L	EPA 200.7	0.0736	0.5	WKL	
MO-FIL	2023-DRY	Dry	8/30/2023 7:40:00 AM	9/14/2023 7:20:00 PM	Magnesium	Total	=	36.9	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-FIL	2023-DRY	Dry	8/30/2023 7:40:00 AM	8/30/2023 7:40:00 AM	Conductivity	n/a	=	1039	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2023-DRY	Dry	8/30/2023 7:40:00 AM	8/30/2023 7:40:00 AM	Discharge	n/a	=	0.08	cfs	Field Estimate	-88	-88	Field Crew	Est
MO-FIL	2023-DRY	Dry	8/30/2023 7:40:00 AM	8/30/2023 7:40:00 AM	DO	n/a	=	23.3	%	Field Meter	-88	0.1	Field Crew	
MO-FIL	2023-DRY	Dry	8/30/2023 7:40:00 AM	8/30/2023 7:40:00 AM	DO	n/a	=	2.09	mg/L	Field Meter	-88	0.3	Field Crew	
MO-FIL	2023-DRY	Dry	8/30/2023 7:40:00 AM	9/14/2023 7:20:00 PM	Hardness as CaCO3	Total	=	470	mg/L	EPA 200.7	0.344	3.31	Field Crew	
MO-FIL	2023-DRY	Dry	8/30/2023 7:40:00 AM	8/30/2023 7:40:00 AM	pH	n/a	=	7.39	pH Units	Field Meter	-88	0.01	Field Crew	
MO-FIL	2023-DRY	Dry	8/30/2023 7:40:00 AM	8/30/2023 7:40:00 AM	Salinity	n/a	=	600	mg/L	Field Meter	-88	100	Field Crew	
MO-FIL	2023-DRY	Dry	8/30/2023 7:40:00 AM	8/30/2023 7:40:00 AM	Specific Conductance	n/a	=	1161	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-FIL	2023-DRY	Dry	8/30/2023 7:40:00 AM	8/30/2023 7:40:00 AM	Temperature	n/a	=	19.5	°C	Field Meter	-88	0.1	Field Crew	
MO-FIL	2023-DRY	Dry	8/30/2023 7:40:00 AM	9/17/2023 4:54:00 PM	Total Organic Carbon	n/a	=	3.4	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-FIL	2023-DRY	Dry	8/30/2023 7:40:00 AM	8/30/2023 7:40:00 AM	Turbidity	n/a	=	1.68	NTU	Field Meter	-88	0.01	Field Crew	
MO-FIL	2023-DRY	Dry	8/30/2023 7:40:00 AM	9/13/2023 4:53:00 PM	Copper	Dissolved	=	2.1	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-FIL	2023-DRY	Dry	8/30/2023 7:40:00 AM	9/13/2023 4:53:00 PM	Lead	Dissolved	DNQ	0.093	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-FIL	2023-DRY	Dry	8/30/2023 7:40:00 AM	9/13/2023 4:53:00 PM	Zinc	Dissolved	DNQ	3.4	µg/L	EPA 200.8	1.7	10	WKL	
MO-HUE	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/9/2022 3:50:00 PM	E. Coli	n/a	=	12997	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-HUE	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/9/2022 3:50:00 PM	Total Coliform	n/a	=	416000	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-HUE	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/8/2022 9:35:00 AM	Conductivity	n/a	=	4592	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/18/2022 2:43:00 PM	Cyanide	Total	=	0.01	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-HUE	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/8/2022 9:35:00 AM	DO	n/a	=	3.79	mg/L	Field Meter	-88	0.3	Field Crew	
MO-HUE	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/8/2022 9:35:00 AM	DO	n/a	=	39.1	%	Field Meter	-88	0.1	Field Crew	
MO-HUE	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/8/2022 9:35:00 AM	pH	n/a	=	7.39	pH Units	Field Meter	-88	0.01	Field Crew	
MO-HUE	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/8/2022 9:35:00 AM	Salinity	n/a	=	3000	mg/L	Field Meter	-88	100	Field Crew	
MO-HUE	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/8/2022 9:35:00 AM	Specific Conductance	n/a	=	5482	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-HUE	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/8/2022 9:35:00 AM	Temperature	n/a	=	16.5	°C	Field Meter	-88	0.1	Field Crew	
MO-HUE	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/17/2022 3:53:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/23/2022 1:21:00 PM	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4	WKL	
MO-HUE	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/12/2022 11:41:00 AM	2-Chloroethyl vinyl ether	n/a	<	0.38	µg/L	EPA 624.1	0.38	2	WKL	DG
MO-HUE	2022/23-1	Wet	11/8/2022 9:35:00 AM	11/12/2022 11:41:00 AM	Methyl tert-butyl ether (MTBE)	n/a	<	0.8	µg/L	EPA 624.1	0.8	2	WKL	DG
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/12/2022 4:47:00 AM	Chloride	n/a	=	2000	mg/L	EPA 300.0	9.5	25	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/12/2022 4:47:00 AM	Fluoride	n/a	DNQ	1	mg/L	EPA 300.0	0.45	5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/11/2022 1:07:00 PM	Perchlorate	n/a	<	3.9	µg/L	EPA 314.0	3.9	20	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 6:34:00 PM	Calcium	Total	=	124	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 6:34:00 PM	Magnesium	Total	=	138	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/12/2022 11:06:00 AM	Alkalinity as CaCO3	n/a	=	140	mg/L	SM 2320 B	1.9	5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/15/2022 12:09:00 PM	BOD	n/a	=	11	mg/L	SM 5210 B	2	2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/22/2022 5:15:00 PM	COD	n/a	=	78	mg/L	EPA 410.4	2.9	5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 6:34:00 PM	Hardness as CaCO3	Total	=	880	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/10/2022 6:12:00 PM	MBAS	n/a	=	0.16	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/22/2022 11:55:00 AM	Phenolics	n/a	=	0.02	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/23/2022 12:09:00 PM	Specific Conductance	n/a	=	6200	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/10/2022 11:20:00 AM	Total Chlorine Residual	n/a	DNQ	0.033	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/15/2022 6:58:00 PM	Total Dissolved Solids	n/a	=	3800	mg/L	SM 2540 C	4	10	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 4:19:00 AM	Total Organic Carbon	n/a	=	11	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 2:03:00 PM	Total Suspended Solids	n/a	=	100	mg/L	SM 2540 D	-88	5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/10/2022 3:46:00 PM	Turbidity	n/a	=	38	NTU	EPA 180.1	0.085	0.5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 2:03:00 PM	Volatile Suspended Solids	n/a	=	29	mg/L	EPA 160.4	3.1	5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/1/2022 11:38:00 AM	Diesel Range Organics	n/a	=	0.45	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/1/2022 11:38:00 AM	Oil Range Organics	n/a	DNQ	0.38	mg/L	EPA 8015B	0.22	0.5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:23:00 PM	Aluminum	Dissolved	DNQ	9.1	µg/L	EPA 200.8	4.4	20	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:25:00 PM	Aluminum	Total	=	1300	µg/L	EPA 200.8	4.4	20	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:23:00 PM	Antimony	Dissolved	=	1.1	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:25:00 PM	Antimony	Total	=	1.3	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:23:00 PM	Arsenic	Dissolved	=	0.56	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:25:00 PM	Arsenic	Total	=	2.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:25:00 PM	Barium	Total	=	46	µg/L	EPA 200.8	0.14	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:23:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:25:00 PM	Beryllium	Total	DNQ	0.075	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:23:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:25:00 PM	Cadmium	Total	=	0.2	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:23:00 PM	Chromium	Dissolved	DNQ	0.1	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:25:00 PM	Chromium	Total	=	2.8	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/15/2022 3:26:00 PM	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:23:00 PM	Copper	Dissolved	=	0.73	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:25:00 PM	Copper	Total	=	8.1	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:23:00 PM	Iron	Dissolved	=	93	µg/L	EPA 200.8	3.9	20	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:25:00 PM	Iron	Total	=	6000	µg/L	EPA 200.8	3.9	20	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:23:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:25:00 PM	Lead	Total	=	3.6	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/21/2022 12:11:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/21/2022 12:12:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:23:00 PM	Nickel	Dissolved	=	2.4	µg/L	EPA 200.8	0.16	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:25:00 PM	Nickel	Total	=	4.7	µg/L	EPA 200.8	0.16	2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:23:00 PM	Selenium	Dissolved	=	0.47	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:25:00 PM	Selenium	Total	=	0.62	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:23:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:25:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:23:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:25:00 PM	Thallium	Total	DNQ	0.024	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:23:00 PM	Zinc	Dissolved	DNQ	7.3	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:25:00 PM	Zinc	Total	=	56	µg/L	EPA 200.8	1.7	10	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 4:40:00 PM	Ammonia as N	n/a	=	0.65	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/10/2022 5:33:00 PM	Nitrate + Nitrite as N	n/a	=	0.79	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/10/2022 5:33:00 PM	Nitrate as N	n/a	=	0.74	mg/L	EPA 353.2	0.04	0.2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 6:31:00 PM	Phosphorus as P	Dissolved	DNQ	0.022	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 6:34:00 PM	Phosphorus as P	Total	=	0.5	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/6/2022 4:52:00 PM	TKN	n/a	=	2.3	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 11:35:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 7:08:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 7:08:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 7:08:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	-LCSRPD, LB-L
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 7:08:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	LB-LCSR
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 7:08:00 PM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 7:08:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 11:35:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 7:08:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 7:08:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 7:08:00 PM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 7:08:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 7:08:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 7:08:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 11:35:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 11:35:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 11:35:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 11:35:00 AM	Benzo(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Benzo(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Ben-zidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 11:35:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 11:35:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 11:35:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 11:35:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.03	µg/L	EPA 8270C	0.026	0.1	WKL	ANI
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	EST-LCSRDP
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 11:35:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 11:35:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Dimethyl phthalate	n/a	=	1.5	µg/L	EPA 625.1	0.18	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 11:35:00 AM	Fluoranthene	n/a	DNQ	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 11:35:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 11:35:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 11:35:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 11:35:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 7:08:00 PM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 11:35:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 4:27:00 PM	2,4,5-T	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	DF
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 4:27:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 4:27:00 PM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 4:27:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 4:27:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	4,4'-DDD	n/a	<	0.027	µg/L	EPA 608.3	0.027	0.5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	4,4'-DDE	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	4,4'-DDT	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 4:27:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 PM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 4:27:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 PM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 PM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 4:27:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 4:27:00 PM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Diazinon	n/a	DNQ	0.0021	µg/L	EPA 625.1m	0.001	0.01	WKL	LB-LCSR

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 4:27:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 4:27:00 PM	Dichlorprop	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	DF
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Dichlorvos	n/a	=	0.3	µg/L	EPA 625.1m	0.0009	0.01	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	Dieldrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Dimethoate	n/a	DNQ	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	UL-MB
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 4:27:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 PM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	Endosulfan I	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	LB-LCSR
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Fensulfthion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	gamma-BHC (Lindane)	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/22/2022 1:23:00 AM	Glyphosate	n/a	=	5.2	µg/L	EPA 547	1.8	5	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	Heptachlor	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	Heptachlor epoxide	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Malathion	n/a	=	0.012	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 7:08:00 PM	Pentachlorophenol	n/a	DNQ	0.57	µg/L	EPA 8270C	0.15	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 7:02:00 AM	Pentachlorophenol	n/a	DNQ	0.46	µg/L	EPA 625.1	0.4	1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 4:27:00 PM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 4:27:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 AM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Stirophos (Tetrachlorvinphos)	n/a	DNQ	0.0026	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 5:34:00 AM	Toxaphene	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 2:44:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 11:47:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 1:20:00 AM	12/3/2022 8:30:00 AM	E. Coli	n/a	=	11199	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-HUE	2022/23-2	Wet	12/2/2022 1:20:00 AM	12/3/2022 8:30:00 AM	Total Coliform	n/a	=	129970	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-HUE	2022/23-2	Wet	12/2/2022 1:20:00 AM	12/2/2022 1:20:00 AM	Conductivity	n/a	=	6019	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2022/23-2	Wet	12/2/2022 1:20:00 AM	12/12/2022 7:09:00 PM	Cyanide	Total	=	0.0038	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 1:20:00 AM	12/2/2022 1:20:00 AM	DO	n/a	=	5.82	mg/L	Field Meter	-88	0.3	Field Crew	
MO-HUE	2022/23-2	Wet	12/2/2022 1:20:00 AM	12/2/2022 1:20:00 AM	DO	n/a	=	56.6	%	Field Meter	-88	0.1	Field Crew	
MO-HUE	2022/23-2	Wet	12/2/2022 1:20:00 AM	12/2/2022 1:20:00 AM	pH	n/a	=	7.33	pH Units	Field Meter	-88	0.01	Field Crew	
MO-HUE	2022/23-2	Wet	12/2/2022 1:20:00 AM	12/2/2022 1:20:00 AM	Salinity	n/a	=	4200	mg/L	Field Meter	-88	100	Field Crew	
MO-HUE	2022/23-2	Wet	12/2/2022 1:20:00 AM	12/2/2022 1:20:00 AM	Specific Conductance	n/a	=	7547	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2022/23-2	Wet	12/2/2022 1:20:00 AM	12/2/2022 1:20:00 AM	Temperature	n/a	=	14.4	°C	Field Meter	-88	0.1	Field Crew	
MO-HUE	2022/23-2	Wet	12/2/2022 1:20:00 AM	12/12/2022 8:16:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 1:20:00 AM	12/12/2022 11:07:00 AM	Oil and Grease	n/a	DNQ	1	mg/L	EPA 1664B	0.7	4.6	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/15/2022 4:09:00 AM	Chloride	n/a	=	3700	mg/L	EPA 300.0	9.5	25	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/15/2022 4:09:00 AM	Fluoride	n/a	DNQ	1.2	mg/L	EPA 300.0	0.45	5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/10/2022 3:30:00 PM	Perchlorate	n/a	<	3.9	µg/L	EPA 314.0	3.9	20	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/9/2022 6:36:00 PM	Calcium	Total	=	222	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/9/2022 6:36:00 PM	Magnesium	Total	=	255	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/8/2022 7:17:00 PM	Alkalinity as CaCO3	n/a	=	250	mg/L	SM 2320 B	1.9	5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/7/2022 6:47:00 PM	BOD	n/a	=	4.5	mg/L	SM 5210 B	2	2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/9/2022 3:24:00 PM	COD	n/a	=	40	mg/L	EPA 410.4	2.9	5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/9/2022 6:36:00 PM	Hardness as CaCO3	Total	=	1600	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/2/2022 9:16:00 PM	MBAS	n/a	=	0.15	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/14/2022 12:27:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/23/2022 11:44:00 AM	Specific Conductance	n/a	=	12000	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/4/2022 5:54:00 AM	Total Chlorine Residual	n/a	=	0.067	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/8/2022 1:39:00 PM	Total Dissolved Solids	n/a	=	7100	mg/L	SM 2540 C	4	10	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/8/2022 11:13:00 AM	Total Organic Carbon	n/a	=	5.8	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/6/2022 5:10:00 PM	Total Suspended Solids	n/a	=	21	mg/L	SM 2540 D	-88	5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/3/2022 2:13:00 PM	Turbidity	n/a	=	7.8	NTU	EPA 180.1	0.017	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/6/2022 5:10:00 PM	Volatile Suspended Solids	n/a	=	6	mg/L	EPA 160.4	3.1	5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/20/2022 3:19:00 AM	Diesel Range Organics	n/a	=	0.13	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/20/2022 3:19:00 AM	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:20:00 PM	Aluminum	Dissolved	DNQ	8.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:23:00 PM	Aluminum	Total	=	200	µg/L	EPA 200.8	4.4	20	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:20:00 PM	Antimony	Dissolved	DNQ	0.26	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:23:00 PM	Antimony	Total	DNQ	0.3	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:20:00 PM	Arsenic	Dissolved	=	0.93	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:23:00 PM	Arsenic	Total	=	1.7	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:23:00 PM	Barium	Total	=	56	µg/L	EPA 200.8	0.14	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:20:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:23:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:20:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:23:00 PM	Cadmium	Total	DNQ	0.061	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:20:00 PM	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:23:00 PM	Chromium	Total	=	0.55	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/12/2022 2:06:00 PM	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:20:00 PM	Copper	Dissolved	DNQ	0.42	µg/L	EPA 200.8	0.23	0.5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:23:00 PM	Copper	Total	=	2.3	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:20:00 PM	Iron	Dissolved	DNQ	15	µg/L	EPA 200.8	3.9	20	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:23:00 PM	Iron	Total	=	2100	µg/L	EPA 200.8	3.9	20	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:20:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:23:00 PM	Lead	Total	=	0.74	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 5:32:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 5:34:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:20:00 PM	Nickel	Dissolved	DNQ	1.4	µg/L	EPA 200.8	0.16	2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:23:00 PM	Nickel	Total	DNQ	1.7	µg/L	EPA 200.8	0.16	2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:20:00 PM	Selenium	Dissolved	=	0.89	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:23:00 PM	Selenium	Total	=	0.93	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:20:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:23:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:20:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:23:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:20:00 PM	Zinc	Dissolved	DNQ	6.8	µg/L	EPA 200.8	0.8	10	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:23:00 PM	Zinc	Total	=	16	µg/L	EPA 200.8	1.7	10	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/15/2022 2:19:00 PM	Ammonia as N	n/a	=	1.1	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/3/2022 1:46:00 PM	Nitrate + Nitrite as N	n/a	=	0.78	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/9/2022 6:33:00 PM	Phosphorus as P	Dissolved	=	0.11	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/9/2022 6:36:00 PM	Phosphorus as P	Total	=	0.4	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/19/2022 6:12:00 PM	TKN	n/a	=	1.8	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/6/2023 11:36:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/9/2023 5:36:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/9/2023 5:36:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/9/2023 5:36:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/9/2023 5:36:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/9/2023 5:36:00 PM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/9/2023 5:36:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/6/2023 11:36:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/9/2023 5:36:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/9/2023 5:36:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/9/2023 5:36:00 PM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/9/2023 5:36:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/9/2023 5:36:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/9/2023 5:36:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/6/2023 11:36:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/6/2023 11:36:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/6/2023 11:36:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/6/2023 11:36:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Benzenzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/6/2023 11:36:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/6/2023 11:36:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/6/2023 11:36:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/6/2023 11:36:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/6/2023 11:36:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/6/2023 11:36:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Dimethyl phthalate	n/a	=	1.3	µg/L	EPA 625.1	0.18	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/6/2023 11:36:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/6/2023 11:36:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/6/2023 11:36:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/6/2023 11:36:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/6/2023 11:36:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/9/2023 5:36:00 PM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/6/2023 11:36:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/11/2022 2:38:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/11/2022 2:38:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/11/2022 2:38:00 PM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/11/2022 2:38:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/11/2022 2:38:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/11/2022 2:38:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/11/2022 2:38:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/11/2022 2:38:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/11/2022 2:38:00 PM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/11/2022 2:38:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/11/2022 2:38:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/11/2022 2:38:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/6/2022 4:46:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/5/2023 2:57:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	1/9/2023 5:36:00 PM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/11/2022 2:38:00 PM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/11/2022 2:38:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/28/2022 5:23:00 AM	Toxaphene	n/a	<	1.2	µg/L	EPA 608.3	1.2	2.5	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/13/2022 7:38:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	
MO-HUE	2022/23-2	Wet	12/2/2022 5:54:00 AM	12/17/2022 9:22:00 AM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-HUE	2022/23-4	Wet	2/24/2023 8:30:00 AM	2/25/2023 11:20:00 AM	E. Coli	n/a	=	8164	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-HUE	2022/23-4	Wet	2/24/2023 8:30:00 AM	2/25/2023 11:20:00 AM	Total Coliform	n/a	=	64880	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-HUE	2022/23-4	Wet	2/24/2023 8:30:00 AM	2/24/2023 8:30:00 AM	Conductivity	n/a	=	616	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2022/23-4	Wet	2/24/2023 8:30:00 AM	3/10/2023 3:17:00 PM	Cyanide	Total	=	0.0025	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-HUE	2022/23-4	Wet	2/24/2023 8:30:00 AM	2/24/2023 8:30:00 AM	DO	n/a	=	77.5	%	Field Meter	-88	0.1	Field Crew	
MO-HUE	2022/23-4	Wet	2/24/2023 8:30:00 AM	2/24/2023 8:30:00 AM	DO	n/a	=	8.56	mg/L	Field Meter	-88	0.3	Field Crew	
MO-HUE	2022/23-4	Wet	2/24/2023 8:30:00 AM	2/24/2023 8:30:00 AM	pH	n/a	=	6.75	pH Units	Field Meter	-88	0.01	Field Crew	
MO-HUE	2022/23-4	Wet	2/24/2023 8:30:00 AM	2/24/2023 8:30:00 AM	Salinity	n/a	=	400	mg/L	Field Meter	-88	100	Field Crew	
MO-HUE	2022/23-4	Wet	2/24/2023 8:30:00 AM	2/24/2023 8:30:00 AM	Specific Conductance	n/a	=	844	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2022/23-4	Wet	2/24/2023 8:30:00 AM	2/24/2023 8:30:00 AM	Temperature	n/a	=	10.5	°C	Field Meter	-88	0.1	Field Crew	
MO-HUE	2022/23-4	Wet	2/24/2023 8:30:00 AM	3/1/2023 10:29:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-HUE	2022/23-4	Wet	2/24/2023 8:30:00 AM	3/21/2023 4:56:00 PM	Oil and Grease	n/a	DNQ	1.6	mg/L	EPA 1664B	0.6	4	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/7/2023 3:27:00 AM	Chloride	n/a	=	700	mg/L	EPA 300.0	9.5	25	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/7/2023 3:27:00 AM	Fluoride	n/a	DNQ	0.5	mg/L	EPA 300.0	0.45	5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/8/2023 2:09:00 PM	Perchlorate	n/a	<	3.9	µg/L	EPA 314.0	3.9	20	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 6:03:00 PM	Calcium	Total	=	74.9	mg/L	EPA 200.7	0.0736	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 6:03:00 PM	Magnesium	Total	=	57.3	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/3/2023 5:20:00 PM	Alkalinity as CaCO3	n/a	=	98	mg/L	SM 2320 B	1.9	5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/3/2023 1:48:00 PM	BOD	n/a	=	6.2	mg/L	SM 5210 B	2	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 10:18:00 AM	COD	n/a	=	42	mg/L	EPA 410.4	2.9	5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 6:03:00 PM	Hardness as CaCO3	Total	=	423	mg/L	EPA 200.7	0.344	3.31	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	2/26/2023 3:46:00 PM	MBAS	n/a	=	0.14	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/15/2023 4:04:00 PM	Phenolics	n/a	=	0.02	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/8/2023 12:13:00 PM	Specific Conductance	n/a	=	2800	µmhos/cm	SM 2510 B	3.2	6	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/2/2023 12:22:00 PM	Total Dissolved Solids	n/a	=	1500	mg/L	SM 2540 C	4	10	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/2/2023 5:44:00 AM	Total Organic Carbon	n/a	=	6.3	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/2/2023 5:22:00 PM	Total Suspended Solids	n/a	=	48	mg/L	SM 2540 D	-88	5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	2/26/2023 5:06:00 PM	Turbidity	n/a	=	41	NTU	EPA 180.1	0.085	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/2/2023 5:22:00 PM	Volatile Suspended Solids	n/a	=	19	mg/L	EPA 160.4	3.1	5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 7:09:00 PM	Diesel Range Organics	n/a	=	0.37	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 7:09:00 PM	Oil Range Organics	n/a	DNQ	0.45	mg/L	EPA 8015B	0.22	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:36:00 PM	Aluminum	Dissolved	DNQ	5.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:38:00 PM	Aluminum	Total	=	630	µg/L	EPA 200.8	4.4	20	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:36:00 PM	Antimony	Dissolved	DNQ	0.48	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:38:00 PM	Antimony	Total	=	0.72	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:36:00 PM	Arsenic	Dissolved	=	0.49	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:38:00 PM	Arsenic	Total	=	1.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:38:00 PM	Barium	Total	=	31	µg/L	EPA 200.8	0.14	1	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:36:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:38:00 PM	Beryllium	Total	DNQ	0.07	µg/L	EPA 200.8	0.029	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:36:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:38:00 PM	Cadmium	Total	DNQ	0.12	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:36:00 PM	Chromium	Dissolved	<	0.089	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/17/2023 4:39:00 PM	Chromium	Total	=	1.7	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/10/2023 7:32:00 PM	Chromium VI	n/a	=	0.034	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:36:00 PM	Copper	Dissolved	=	1.1	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:38:00 PM	Copper	Total	=	5.3	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:36:00 PM	Iron	Dissolved	=	62	µg/L	EPA 200.8	3.9	20	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:38:00 PM	Iron	Total	=	2700	µg/L	EPA 200.8	3.9	20	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:36:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:38:00 PM	Lead	Total	=	3	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/10/2023 12:16:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/10/2023 12:17:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:36:00 PM	Nickel	Dissolved	DNQ	1.1	µg/L	EPA 200.8	0.16	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:36:00 PM	Nickel	Total	=	2.6	µg/L	EPA 200.8	0.4	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:36:00 PM	Selenium	Dissolved	DNQ	0.19	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:38:00 PM	Selenium	Total	DNQ	0.34	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:36:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:38:00 PM	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:36:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:38:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:36:00 PM	Zinc	Dissolved	DNQ	8.2	µg/L	EPA 200.8	0.8	10	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 7:38:00 PM	Zinc	Total	=	38	µg/L	EPA 200.8	1.7	10	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 2:02:00 PM	Ammonia as N	n/a	=	0.28	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/8/2023 3:58:00 PM	Nitrate + Nitrite as N	n/a	=	0.29	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 6:00:00 PM	Phosphorus as P	Dissolved	=	0.07	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/13/2023 6:03:00 PM	Phosphorus as P	Total	=	0.37	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/21/2023 5:57:00 PM	TKN	n/a	=	1.4	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/31/2023 5:08:00 AM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	LB-LCSR
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 6:29:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 6:29:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 6:29:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 6:29:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 6:29:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 6:29:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/31/2023 5:08:00 AM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	LB-LCSR
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 6:29:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 6:29:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 6:29:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 6:29:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 6:29:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 6:29:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/31/2023 5:08:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/31/2023 5:08:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/31/2023 5:08:00 AM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/31/2023 5:08:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Benzidine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/31/2023 5:08:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/31/2023 5:08:00 AM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/31/2023 5:08:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/31/2023 5:08:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.091	µg/L	EPA 8270C	0.052	0.2	WKL	ANI
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Butyl benzyl phthalate	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/31/2023 5:08:00 AM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/31/2023 5:08:00 AM	Dibenz(a,h)anthracene	n/a	<	0.072	µg/L	EPA 8270C	0.072	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Dimethyl phthalate	n/a	DNQ	1.1	µg/L	EPA 625.1	0.36	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Di-n-butylphthalate	n/a	<	0.68	µg/L	EPA 625.1	0.68	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/31/2023 5:08:00 AM	Fluoranthene	n/a	DNQ	0.12	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/31/2023 5:08:00 AM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/31/2023 5:08:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/31/2023 5:08:00 AM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/31/2023 5:08:00 AM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 6:29:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/31/2023 5:08:00 AM	Pyrene	n/a	DNQ	0.11	µg/L	EPA 8270C	0.08	0.2	WKL	UL-MB
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	PCB Aroclor 1221	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	PCB Aroclor 1232	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	PCB Aroclor 1242	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	PCB Aroclor 1248	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	PCB Aroclor 1254	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	PCB Aroclor 1260	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 6:49:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 6:49:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 6:49:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 6:49:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 6:49:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 6:49:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 6:49:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 6:49:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 6:49:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 6:49:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 6:49:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 6:49:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	LB-LCSR
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Fensulfothion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/3/2023 9:28:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 6:49:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	4/1/2023 8:14:00 PM	Pentachlorophenol	n/a	<	0.8	µg/L	EPA 625.1	0.8	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 6:29:00 AM	Pentachlorophenol	n/a	DNQ	1	µg/L	EPA 8270C	0.3	2	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 6:49:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/16/2023 3:43:00 PM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/11/2023 1:56:00 AM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
MO-HUE	2022/23-4	Wet	2/25/2023 7:56:00 AM	3/14/2023 8:38:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	5/26/2023 10:29:00 AM	Chloride	n/a	=	4100	mg/L	EPA 300.0	9.5	25	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	5/25/2023 8:19:00 PM	Fluoride	n/a	DNQ	0.74	mg/L	EPA 300.0	0.09	1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 4:50:00 PM	Perchlorate	n/a	<	2	µg/L	EPA 314.0	2	10	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	5/24/2023 1:25:00 PM	E. Coli	n/a	=	4611	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	5/24/2023 1:25:00 PM	Total Coliform	n/a	=	198630	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/5/2023 6:16:00 PM	Calcium	Total	=	326	mg/L	EPA 200.7	0.736	5	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/5/2023 6:16:00 PM	Magnesium	Total	=	377	mg/L	EPA 200.7	0.39	5	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	5/30/2023 2:40:00 PM	Alkalinity as CaCO3	n/a	=	350	mg/L	SM 2320 B	1.9	5	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	5/30/2023 11:17:00 AM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/12/2023 10:48:00 AM	COD	n/a	=	75	mg/L	EPA 410.4	2.9	5	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	5/23/2023 11:00:00 AM	Conductivity	n/a	=	9030	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	5/31/2023 6:13:00 PM	Cyanide	Total	DNQ	0.0017	mg/L	ASTM D7511	0.0006	0.002	WKL	UL-MB
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	5/23/2023 11:00:00 AM	DO	n/a	=	4.48	mg/L	Field Meter	-88	0.3	Field Crew	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	5/23/2023 11:00:00 AM	DO	n/a	=	51.5	%	Field Meter	-88	0.1	Field Crew	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/5/2023 6:16:00 PM	Hardness as CaCO3	Total	=	2360	mg/L	EPA 200.7	3.44	33.1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	5/24/2023 6:30:00 PM	MBAS	n/a	=	0.05	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	5/23/2023 11:00:00 AM	pH	n/a	=	7.53	pH Units	Field Meter	-88	0.01	Field Crew	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/9/2023 5:37:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	5/23/2023 11:00:00 AM	Salinity	n/a	=	5700	mg/L	Field Meter	-88	100	Field Crew	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	5/23/2023 11:00:00 AM	Specific Conductance	n/a	=	9140	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/13/2023 11:14:00 AM	Specific Conductance	n/a	=	16000	µmhos/cm	SM 2510 B	1.1	200	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	5/23/2023 11:00:00 AM	Temperature	n/a	=	18.8	°C	Field Meter	-88	0.1	Field Crew	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	5/25/2023 1:25:00 PM	Total Dissolved Solids	n/a	=	10000	mg/L	SM 2540 C	4	10	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/3/2023 3:49:00 AM	Total Organic Carbon	n/a	=	5.3	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	5/30/2023 1:45:00 PM	Total Suspended Solids	n/a	=	12	mg/L	SM 2540 D	-88	5	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	5/24/2023 6:18:00 PM	Turbidity	n/a	=	17	NTU	EPA 180.1	0.017	0.1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	5/30/2023 1:45:00 PM	Volatile Suspended Solids	n/a	=	5	mg/L	EPA 160.4	3.1	5	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/28/2023 3:11:00 PM	Diesel Range Organics	n/a	DNQ	0.079	mg/L	EPA 8015B	0.072	0.1	WKL	EST-HT
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/1/2023 10:42:00 PM	Gasoline Range Organics	n/a	DNQ	0.14	mg/L	EPA 8260B	0.065	0.3	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	5/25/2023 4:36:00 PM	Oil and Grease	n/a	DNQ	1.5	mg/L	EPA 1664B	0.6	4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/28/2023 3:11:00 PM	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5	WKL	EST-HT
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:25:00 PM	Aluminum	Dissolved	<	8.9	µg/L	EPA 200.8	8.9	40	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:28:00 PM	Aluminum	Total	DNQ	36	µg/L	EPA 200.8	8.9	40	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:25:00 PM	Antimony	Dissolved	<	0.18	µg/L	EPA 200.8	0.18	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:28:00 PM	Antimony	Total	<	0.18	µg/L	EPA 200.8	0.18	1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:25:00 PM	Arsenic	Dissolved	=	1.6	µg/L	EPA 200.8	0.15	0.8	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:28:00 PM	Arsenic	Total	=	2.6	µg/L	EPA 200.8	0.15	0.8	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:28:00 PM	Barium	Total	=	73	µg/L	EPA 200.8	0.28	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:25:00 PM	Beryllium	Dissolved	<	0.12	µg/L	EPA 200.8	0.12	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:28:00 PM	Beryllium	Total	<	0.057	µg/L	EPA 200.8	0.057	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:25:00 PM	Cadmium	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:28:00 PM	Cadmium	Total	<	0.084	µg/L	EPA 200.8	0.084	0.4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:25:00 PM	Chromium	Dissolved	<	0.18	µg/L	EPA 200.8	0.18	0.4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:28:00 PM	Chromium	Total	=	0.48	µg/L	EPA 200.8	0.18	0.4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/6/2023 5:43:00 PM	Chromium VI	n/a	<	0.079	µg/L	EPA 218.6	0.079	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:25:00 PM	Copper	Dissolved	<	0.45	µg/L	EPA 200.8	0.45	1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:28:00 PM	Copper	Total	<	0.46	µg/L	EPA 200.8	0.46	1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:25:00 PM	Iron	Dissolved	DNQ	10	µg/L	EPA 200.8	7.9	40	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:28:00 PM	Iron	Total	=	2100	µg/L	EPA 200.8	7.9	40	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:25:00 PM	Lead	Dissolved	<	0.17	µg/L	EPA 200.8	0.17	0.4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:28:00 PM	Lead	Total	DNQ	0.18	µg/L	EPA 200.8	0.17	0.4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 2:16:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 2:18:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:25:00 PM	Nickel	Dissolved	DNQ	1.9	µg/L	EPA 200.8	0.33	4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:28:00 PM	Nickel	Total	DNQ	3.4	µg/L	EPA 200.8	0.81	4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:25:00 PM	Selenium	Dissolved	DNQ	0.42	µg/L	EPA 200.8	0.13	0.8	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:28:00 PM	Selenium	Total	DNQ	0.51	µg/L	EPA 200.8	0.13	0.8	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:25:00 PM	Silver	Dissolved	DNQ	0.064	µg/L	EPA 200.8	0.06	0.4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:28:00 PM	Silver	Total	<	0.11	µg/L	EPA 200.8	0.11	0.4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:25:00 PM	Thallium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:28:00 PM	Thallium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:25:00 PM	Zinc	Dissolved	<	3.3	µg/L	EPA 200.8	3.3	20	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 3:28:00 PM	Zinc	Total	<	3.3	µg/L	EPA 200.8	3.3	20	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/5/2023 6:31:00 PM	Ammonia as N	n/a	DNQ	0.044	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	5/24/2023 6:38:00 PM	Nitrate + Nitrite as N	n/a	DNQ	0.13	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/5/2023 3:53:00 PM	Phosphorus as P	Dissolved	=	0.32	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/5/2023 3:56:00 PM	Phosphorus as P	Total	=	0.76	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/8/2023 7:34:00 PM	TKN	n/a	=	1.7	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/20/2023 5:00:00 AM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/22/2023 3:11:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/22/2023 3:11:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/22/2023 3:11:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/22/2023 3:11:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	2,4-Dinitrophenol	n/a	<	8.9	µg/L	EPA 625.1	8.9	20	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/22/2023 3:11:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/22/2023 3:11:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/20/2023 5:00:00 AM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/22/2023 3:11:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/22/2023 3:11:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/22/2023 3:11:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/22/2023 3:11:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/22/2023 3:11:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/22/2023 3:11:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/20/2023 5:00:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/20/2023 5:00:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/20/2023 5:00:00 AM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Benz(a)anthracene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/20/2023 5:00:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Benzenidine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	Benzo(a)pyrene	n/a	<	0.045	µg/L	EPA 525.2	0.045	0.1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Benzo(a)pyrene	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/20/2023 5:00:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/20/2023 5:00:00 AM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/20/2023 5:00:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Benzo(k)fluoranthene	n/a	<	1.4	µg/L	EPA 625.1	1.4	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/20/2023 5:00:00 AM	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	LB-LCSR
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.38	µg/L	EPA 525.2	0.38	5	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Butyl benzyl phthalate	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/20/2023 5:00:00 AM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/20/2023 5:00:00 AM	Dibenz(a,h)anthracene	n/a	<	0.16	µg/L	EPA 8270C	0.16	0.2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Dibenz(a,h)anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Dimethyl phthalate	n/a	DNQ	1.5	µg/L	EPA 625.1	0.36	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Di-n-butylphthalate	n/a	<	0.68	µg/L	EPA 625.1	0.68	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/20/2023 5:00:00 AM	Fluoranthene	n/a	<	0.078	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/20/2023 5:00:00 AM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Hexachlorocyclopentadiene	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	1.3	µg/L	EPA 625.1	1.3	4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/20/2023 5:00:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/20/2023 5:00:00 AM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/20/2023 5:00:00 AM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Phenol	n/a	<	0.33	µg/L	EPA 625.1	0.33	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/22/2023 3:11:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/20/2023 5:00:00 AM	Pyrene	n/a	<	0.08	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	PCB Aroclor 1016	n/a	<	0.15	µg/L	EPA 608.3	0.15	1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	PCB Aroclor 1221	n/a	<	0.048	µg/L	EPA 608.3	0.048	1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	PCB Aroclor 1232	n/a	<	0.17	µg/L	EPA 608.3	0.17	1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	PCB Aroclor 1242	n/a	<	0.19	µg/L	EPA 608.3	0.19	1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	PCB Aroclor 1248	n/a	<	0.17	µg/L	EPA 608.3	0.17	1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	PCB Aroclor 1254	n/a	<	0.08	µg/L	EPA 608.3	0.08	1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	PCB Aroclor 1260	n/a	<	0.11	µg/L	EPA 608.3	0.11	1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/8/2023 4:43:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/8/2023 4:43:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/8/2023 4:43:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/8/2023 4:43:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/8/2023 4:43:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	4,4'-DDD	n/a	<	0.0054	µg/L	EPA 608.3	0.0054	0.1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	4,4'-DDE	n/a	<	0.0036	µg/L	EPA 608.3	0.0036	0.1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	4,4'-DDT	n/a	<	0.0056	µg/L	EPA 608.3	0.0056	0.02	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/8/2023 4:43:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	Alachlor	n/a	<	0.063	µg/L	EPA 525.2	0.063	0.1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	Aldrin	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	alpha-BHC	n/a	<	0.0049	µg/L	EPA 608.3	0.0049	0.02	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	alpha-Chlordane	n/a	<	0.0058	µg/L	EPA 608.3	0.0058	0.02	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	Atrazine	n/a	<	0.042	µg/L	EPA 525.2	0.042	0.1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/8/2023 4:43:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	beta-BHC	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	Bromacil	n/a	<	0.24	µg/L	EPA 525.2	0.24	0.5	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	Butachlor	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	LB-LCSR
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	Chlordane (technical)	n/a	<	0.086	µg/L	EPA 608.3	0.086	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	Chloroprotham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/8/2023 4:43:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/8/2023 4:43:00 AM	DCCA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	delta-BHC	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/8/2023 4:43:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/8/2023 4:43:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	Dieldrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	Dimethoate	n/a	<	0.041	µg/L	EPA 525.2	0.041	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/8/2023 4:43:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	Disulfoton	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	Endosulfan I	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.04	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	Endosulfan II	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	Endosulfan sulfate	n/a	<	0.0059	µg/L	EPA 608.3	0.0059	0.1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	Endrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	Endrin aldehyde	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Fensulfothion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	LB-LCSR
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	gamma-BHC (Lindane)	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.04	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	gamma-Chlordane	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	5/31/2023 2:57:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	Heptachlor	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	Heptachlor epoxide	n/a	<	0.0036	µg/L	EPA 608.3	0.0036	0.02	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/8/2023 4:43:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/16/2023 9:52:00 PM	Pentachlorophenol	n/a	<	0.8	µg/L	EPA 625.1	0.8	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/22/2023 3:11:00 AM	Pentachlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/8/2023 4:43:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	Simazine	n/a	<	0.058	µg/L	EPA 525.2	0.058	0.1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	Thiobencarb	n/a	<	0.069	µg/L	EPA 525.2	0.069	0.1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 9:13:00 PM	Toxaphene	n/a	<	0.17	µg/L	EPA 608.3	0.17	1	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/2/2023 11:27:00 PM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
MO-HUE	2022/23-6	Dry	5/23/2023 11:00:00 AM	6/7/2023 1:37:00 AM	Trithion	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/8/2022 11:15:00 AM	11/9/2022 4:00:00 PM	E. Coli	n/a	=	32550	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MEI	2022/23-1	Wet	11/8/2022 11:15:00 AM	11/9/2022 4:00:00 PM	Total Coliform	n/a	=	1299700	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-MEI	2022/23-1	Wet	11/8/2022 11:15:00 AM	11/8/2022 11:15:00 AM	Conductivity	n/a	=	106.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2022/23-1	Wet	11/8/2022 11:15:00 AM	11/18/2022 3:33:00 PM	Cyanide	Total	=	0.0028	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-MEI	2022/23-1	Wet	11/8/2022 11:15:00 AM	11/8/2022 11:15:00 AM	DO	n/a	=	9.22	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MEI	2022/23-1	Wet	11/8/2022 11:15:00 AM	11/8/2022 11:15:00 AM	DO	n/a	=	93.1	%	Field Meter	-88	0.1	Field Crew	
MO-MEI	2022/23-1	Wet	11/8/2022 11:15:00 AM	11/8/2022 11:15:00 AM	pH	n/a	=	7.73	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MEI	2022/23-1	Wet	11/8/2022 11:15:00 AM	11/8/2022 11:15:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-MEI	2022/23-1	Wet	11/8/2022 11:15:00 AM	11/8/2022 11:15:00 AM	Specific Conductance	n/a	=	128.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2022/23-1	Wet	11/8/2022 11:15:00 AM	11/8/2022 11:15:00 AM	Temperature	n/a	=	15.9	°C	Field Meter	-88	0.1	Field Crew	
MO-MEI	2022/23-1	Wet	11/8/2022 11:15:00 AM	11/17/2022 6:09:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/8/2022 11:15:00 AM	11/28/2022 3:28:00 PM	Oil and Grease	n/a	DNQ	3.7	mg/L	EPA 1664B	0.6	4	WKL	
MO-MEI	2022/23-1	Wet	11/8/2022 11:15:00 AM	11/12/2022 4:14:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-MEI	2022/23-1	Wet	11/8/2022 11:15:00 AM	11/12/2022 4:14:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/12/2022 1:47:00 AM	Chloride	n/a	=	5.1	mg/L	EPA 300.0	0.38	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/12/2022 1:47:00 AM	Fluoride	n/a	DNQ	0.082	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/11/2022 9:05:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 6:44:00 PM	Calcium	Total	=	12.1	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 6:44:00 PM	Magnesium	Total	=	4.22	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/12/2022 9:49:00 AM	Alkalinity as CaCO3	n/a	=	31	mg/L	SM 2320 B	1.9	5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 11:46:00 AM	BOD	n/a	=	33	mg/L	SM 5210 B	2	2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/23/2022 4:45:00 AM	COD	n/a	=	130	mg/L	EPA 410.4	2.9	5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 6:44:00 PM	Hardness as CaCO3	Total	=	47.6	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/10/2022 6:09:00 PM	MBAS	n/a	=	0.15	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/22/2022 11:41:00 AM	Phenolics	n/a	=	0.025	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/23/2022 11:01:00 AM	Specific Conductance	n/a	=	110	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/10/2022 3:29:00 PM	Total Chlorine Residual	n/a	=	0.059	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 12:02:00 PM	Total Dissolved Solids	n/a	=	110	mg/L	SM 2540 C	4	10	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 4:34:00 PM	Total Organic Carbon	n/a	=	19	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 2:03:00 PM	Total Suspended Solids	n/a	=	330	mg/L	SM 2540 D	-88	5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/10/2022 3:39:00 PM	Turbidity	n/a	=	96	NTU	EPA 180.1	0.17	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 2:03:00 PM	Volatile Suspended Solids	n/a	=	83	mg/L	EPA 160.4	3.1	5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/1/2022 7:38:00 AM	Diesel Range Organics	n/a	=	0.66	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/1/2022 7:38:00 AM	Oil Range Organics	n/a	=	0.71	mg/L	EPA 8015B	0.22	0.5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:24:00 PM	Aluminum	Dissolved	=	44	µg/L	EPA 200.8	4.4	20	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:27:00 PM	Aluminum	Total	=	5300	µg/L	EPA 200.8	4.4	20	WKL	HB-MSR
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:24:00 PM	Antimony	Dissolved	DNQ	0.27	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:27:00 PM	Antimony	Total	=	0.77	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:24:00 PM	Arsenic	Dissolved	=	0.99	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:27:00 PM	Arsenic	Total	=	2.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:27:00 PM	Barium	Total	=	83	µg/L	EPA 200.8	0.14	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:27:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:27:00 PM	Beryllium	Total	=	0.17	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:24:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:27:00 PM	Cadmium	Total	=	0.28	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:24:00 PM	Chromium	Dissolved	=	0.63	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:27:00 PM	Chromium	Total	=	11	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 2:15:00 PM	Chromium VI	n/a	=	0.31	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:24:00 PM	Copper	Dissolved	=	8	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:27:00 PM	Copper	Total	=	22	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:24:00 PM	Iron	Dissolved	=	61	µg/L	EPA 200.8	3.9	20	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:27:00 PM	Iron	Total	=	6100	µg/L	EPA 200.8	3.9	20	WKL	HB-MSR
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:24:00 PM	Lead	Dissolved	=	0.52	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:27:00 PM	Lead	Total	=	11	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/21/2022 11:33:00 AM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/21/2022 11:35:00 AM	Mercury	Total	DNQ	43	ng/L	EPA 245.1	37	50	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:24:00 PM	Nickel	Dissolved	=	2.6	µg/L	EPA 200.8	0.16	2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:27:00 PM	Nickel	Total	=	15	µg/L	EPA 200.8	0.16	2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:24:00 PM	Selenium	Dissolved	DNQ	0.094	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:27:00 PM	Selenium	Total	DNQ	0.21	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:24:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:27:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:24:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:27:00 PM	Thallium	Total	DNQ	0.051	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:24:00 PM	Zinc	Dissolved	=	19	µg/L	EPA 200.8	0.8	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 4:27:00 PM	Zinc	Total	=	120	µg/L	EPA 200.8	1.7	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/17/2022 4:25:00 PM	Ammonia as N	n/a	=	0.38	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/10/2022 3:27:00 PM	Nitrate + Nitrite as N	n/a	=	0.54	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/10/2022 3:27:00 PM	Nitrate as N	n/a	=	0.5	mg/L	EPA 353.2	0.04	0.2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 6:41:00 PM	Phosphorus as P	Dissolved	=	0.39	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/15/2022 6:44:00 PM	Phosphorus as P	Total	=	0.79	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/6/2022 4:23:00 PM	TKN	n/a	=	3.4	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/3/2022 7:11:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/10/2022 3:11:00 PM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/10/2022 3:11:00 PM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/10/2022 3:11:00 PM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/10/2022 3:11:00 PM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	LB-LCSR
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	2,4-Dimethylphenol	n/a	<	7.6	µg/L	EPA 625.1	7.6	10	WKL	-LCSRPD, LB-L
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/10/2022 3:11:00 PM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	2,4-Dinitrotoluene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/10/2022 3:11:00 PM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/3/2022 7:11:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/10/2022 3:11:00 PM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/10/2022 3:11:00 PM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	3,3'-Dichlorobenzidine	n/a	<	25	µg/L	EPA 625.1	25	50	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/10/2022 3:11:00 PM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	5	µg/L	EPA 625.1	5	50	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/10/2022 3:11:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/10/2022 3:11:00 PM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/10/2022 3:11:00 PM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/3/2022 7:11:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Acenaphthylene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/3/2022 7:11:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Anthracene	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/3/2022 7:11:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/3/2022 7:11:00 AM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Benzidine	n/a	<	32	µg/L	EPA 625.1	32	100	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/3/2022 7:11:00 AM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/3/2022 7:11:00 AM	Benzo(b)fluoranthene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/3/2022 7:11:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/3/2022 7:11:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.26	µg/L	EPA 8270C	0.26	1	WKL	ANI

Appendix G  
Laboratory Environmental 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	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	4.2	µg/L	EPA 525.2	4.2	50	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	EST-LCSRPD
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Butyl benzyl phthalate	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/3/2022 7:11:00 AM	Chrysene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Dibenz(a,h)anthracene	n/a	<	1.5	µg/L	EPA 625.1	1.5	20	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/3/2022 7:11:00 AM	Dibenz(a,h)anthracene	n/a	<	0.36	µg/L	EPA 8270C	0.36	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Diethyl phthalate	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Di-n-butylphthalate	n/a	<	3.4	µg/L	EPA 625.1	3.4	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/3/2022 7:11:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Fluoranthene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/3/2022 7:11:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	Hexachlorocyclopentadiene	n/a	<	0.92	µg/L	EPA 525.2	0.92	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Hexachlorocyclopentadiene	n/a	<	3.1	µg/L	EPA 625.1	3.1	50	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	20	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/3/2022 7:11:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/3/2022 7:11:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/3/2022 7:11:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/10/2022 3:11:00 PM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Phenol	n/a	<	8.1	µg/L	EPA 625.1	8.1	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/3/2022 7:11:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/4/2022 12:59:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/4/2022 12:59:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/4/2022 12:59:00 PM	2,4-D	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/4/2022 12:59:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/4/2022 12:59:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	4,4'-DDD	n/a	<	0.027	µg/L	EPA 608.3	0.027	0.5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	4,4'-DDE	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	4,4'-DDT	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/4/2022 12:59:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	Atrazine	n/a	<	0.11	µg/L	EPA 525.2	0.11	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Azinphos methyl	n/a	<	0.053	µg/L	EPA 625.1m	0.053	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/4/2022 12:59:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Bolstar	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	Bromacil	n/a	<	0.7	µg/L	EPA 525.2	0.7	5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Chlorpyrifos	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Coumaphos	n/a	<	0.055	µg/L	EPA 625.1m	0.055	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/4/2022 12:59:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/4/2022 12:59:00 PM	DCPA (Daacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Demeton-O	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Demeton-S	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	Diazinon	n/a	<	0.22	µg/L	EPA 525.2	0.22	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.1	WKL	LB-LCSR
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/4/2022 12:59:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/4/2022 12:59:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Dichlorvos	n/a	<	0.0093	µg/L	EPA 625.1m	0.0093	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	Dieldrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Dimethoate	n/a	DNQ	0.028	µg/L	EPA 625.1m	0.027	0.1	WKL	UL-MB
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/4/2022 12:59:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Disulfoton	n/a	<	0.017	µg/L	EPA 625.1m	0.017	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	Disulfoton	n/a	<	0.15	µg/L	EPA 525.2	0.15	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	Endosulfan I	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Ethoprop	n/a	<	0.0065	µg/L	EPA 625.1m	0.0065	0.1	WKL	LB-LCSR
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Ethyl parathion	n/a	<	0.022	µg/L	EPA 625.1m	0.022	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Fensulfothion	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Fenthion	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	gamma-BHC (Lindane)	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/21/2022 11:44:00 PM	Glyphosate	n/a	=	14	µg/L	EPA 547	1.8	5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	Heptachlor	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	Heptachlor epoxide	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Malathion	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Merphos	n/a	<	0.055	µg/L	EPA 625.1m	0.055	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Mevinphos	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Naled	n/a	<	0.0074	µg/L	EPA 625.1m	0.0074	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/4/2022 12:59:00 PM	Pentachlorophenol	n/a	=	1	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/10/2022 3:11:00 PM	Pentachlorophenol	n/a	DNQ	6	µg/L	EPA 8270C	1.5	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/13/2022 3:10:00 AM	Pentachlorophenol	n/a	DNQ	5.1	µg/L	EPA 625.1	4	10	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Phorate	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	12/4/2022 12:59:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.024	µg/L	EPA 625.1m	0.024	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Tokuthion	n/a	<	0.022	µg/L	EPA 625.1m	0.022	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/30/2022 1:30:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/18/2022 11:44:00 PM	Trichloronate	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.1	WKL	
MO-MEI	2022/23-1	Wet	11/9/2022 9:46:00 AM	11/16/2022 8:17:00 PM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MEI	2022/23-2	Wet	12/2/2022 3:40:00 AM	12/3/2022 8:30:00 AM	E. Coli	n/a	=	4352	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-MEI	2022/23-2	Wet	12/2/2022 3:40:00 AM	12/3/2022 8:30:00 AM	Total Coliform	n/a	=	120330	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MEI	2022/23-2	Wet	12/2/2022 3:40:00 AM	12/2/2022 3:40:00 AM	Conductivity	n/a	=	65.9	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2022/23-2	Wet	12/2/2022 3:40:00 AM	12/12/2022 7:30:00 PM	Cyanide	Total	=	0.0034	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-MEI	2022/23-2	Wet	12/2/2022 3:40:00 AM	12/2/2022 3:40:00 AM	DO	n/a	=	9.22	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MEI	2022/23-2	Wet	12/2/2022 3:40:00 AM	12/2/2022 3:40:00 AM	DO	n/a	=	87.7	%	Field Meter	-88	0.1	Field Crew	
MO-MEI	2022/23-2	Wet	12/2/2022 3:40:00 AM	12/2/2022 3:40:00 AM	pH	n/a	=	7.2	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MEI	2022/23-2	Wet	12/2/2022 3:40:00 AM	12/2/2022 3:40:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-MEI	2022/23-2	Wet	12/2/2022 3:40:00 AM	12/2/2022 3:40:00 AM	Specific Conductance	n/a	=	86.6	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2022/23-2	Wet	12/2/2022 3:40:00 AM	12/2/2022 3:40:00 AM	Temperature	n/a	=	12.5	°C	Field Meter	-88	0.1	Field Crew	
MO-MEI	2022/23-2	Wet	12/2/2022 3:40:00 AM	12/11/2022 7:04:00 PM	Gasoline Range Organics	n/a	DNQ	0.075	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-MEI	2022/23-2	Wet	12/2/2022 3:40:00 AM	12/12/2022 3:01:00 PM	Oil and Grease	n/a	DNQ	2.4	mg/L	EPA 1664B	0.7	4.7	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/15/2022 1:09:00 AM	Chloride	n/a	=	1.8	mg/L	EPA 300.0	0.38	1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/15/2022 1:09:00 AM	Fluoride	n/a	DNQ	0.068	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/10/2022 11:29:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/9/2022 7:40:00 PM	Calcium	Total	=	8.63	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/9/2022 7:40:00 PM	Magnesium	Total	=	2.2	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/8/2022 6:52:00 PM	Alkalinity as CaCO3	n/a	=	25	mg/L	SM 2320 B	1.9	5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/9/2022 10:35:00 AM	BOD	n/a	=	11	mg/L	SM 5210 B	2	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/9/2022 3:20:00 PM	COD	n/a	=	110	mg/L	EPA 410.4	2.9	5	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/9/2022 7:40:00 PM	Hardness as CaCO3	Total	=	30.6	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/4/2022 10:03:00 AM	MBAS	n/a	=	0.15	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/14/2022 12:15:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/14/2022 11:41:00 AM	Specific Conductance	n/a	=	70	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/4/2022 10:42:00 AM	Total Chlorine Residual	n/a	=	0.057	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/8/2022 2:49:00 PM	Total Dissolved Solids	n/a	=	74	mg/L	SM 2540 C	4	10	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/8/2022 7:19:00 AM	Total Organic Carbon	n/a	=	13	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/6/2022 5:10:00 PM	Total Suspended Solids	n/a	=	87	mg/L	SM 2540 D	-88	5	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/3/2022 2:31:00 PM	Turbidity	n/a	=	33	NTU	EPA 180.1	0.17	1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/6/2022 5:10:00 PM	Volatile Suspended Solids	n/a	=	35	mg/L	EPA 160.4	3.1	5	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/19/2022 10:42:00 PM	Diesel Range Organics	n/a	=	0.43	mg/L	EPA 8015B	0.14	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/19/2022 10:42:00 PM	Oil Range Organics	n/a	DNQ	0.89	mg/L	EPA 8015B	0.45	1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:16:00 PM	Aluminum	Dissolved	=	35	µg/L	EPA 200.8	4.4	20	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:19:00 PM	Aluminum	Total	=	2000	µg/L	EPA 200.8	4.4	20	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:16:00 PM	Antimony	Dissolved	DNQ	0.28	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:19:00 PM	Antimony	Total	DNQ	0.44	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:16:00 PM	Arsenic	Dissolved	=	0.76	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:19:00 PM	Arsenic	Total	=	1.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:19:00 PM	Barium	Total	=	39	µg/L	EPA 200.8	0.14	1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:16:00 PM	Beryllium	Dissolved	DNQ	0.079	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:19:00 PM	Beryllium	Total	DNQ	0.059	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:16:00 PM	Cadmium	Dissolved	DNQ	0.06	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:19:00 PM	Cadmium	Total	DNQ	0.11	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:16:00 PM	Chromium	Dissolved	=	0.5	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:19:00 PM	Chromium	Total	=	3.9	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/6/2022 5:29:00 PM	Chromium VI	n/a	=	0.34	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:16:00 PM	Copper	Dissolved	=	4.6	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:19:00 PM	Copper	Total	=	11	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:16:00 PM	Iron	Dissolved	=	43	µg/L	EPA 200.8	3.9	20	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:19:00 PM	Iron	Total	=	2400	µg/L	EPA 200.8	3.9	20	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:16:00 PM	Lead	Dissolved	=	0.45	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:19:00 PM	Lead	Total	=	6.1	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:45:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:16:00 PM	Nickel	Dissolved	DNQ	1.8	µg/L	EPA 200.8	0.16	2	WKL	UL-MB
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:19:00 PM	Nickel	Total	=	5.8	µg/L	EPA 200.8	0.16	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:16:00 PM	Selenium	Dissolved	DNQ	0.23	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:19:00 PM	Selenium	Total	DNQ	0.14	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:16:00 PM	Silver	Dissolved	DNQ	0.059	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:19:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:16:00 PM	Thallium	Dissolved	DNQ	0.036	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:19:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:16:00 PM	Zinc	Dissolved	=	18	µg/L	EPA 200.8	0.8	10	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/12/2022 5:19:00 PM	Zinc	Total	=	74	µg/L	EPA 200.8	1.7	10	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/7/2022 1:08:00 PM	Ammonia as N	n/a	DNQ	0.05	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/10/2022 1:28:00 PM	Nitrate + Nitrite as N	n/a	DNQ	0.19	mg/L	EPA 353.2	0.036	0.2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/9/2022 7:37:00 PM	Phosphorus as P	Dissolved	=	0.25	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/9/2022 7:40:00 PM	Phosphorus as P	Total	=	0.45	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/19/2022 5:41:00 PM	TKN	n/a	=	2.1	mg/L	EPA 351.2	0.26	0.4	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/6/2023 7:16:00 AM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/7/2023 5:53:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/7/2023 5:53:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/7/2023 5:53:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/7/2023 5:53:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/7/2023 5:53:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/7/2023 5:53:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/6/2023 7:16:00 AM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/7/2023 5:53:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/7/2023 5:53:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/7/2023 5:53:00 AM	3-4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/7/2023 5:53:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/7/2023 5:53:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/7/2023 5:53:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/6/2023 7:16:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/6/2023 7:16:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/6/2023 7:16:00 AM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/6/2023 7:16:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Benzenzidine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/6/2023 7:16:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/6/2023 7:16:00 AM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/6/2023 7:16:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/6/2023 7:16:00 AM	Benzo(k)fluoranthene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.77	µg/L	EPA 525.2	0.42	5	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	2	µg/L	EPA 525.2	0.41	3	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Butyl benzyl phthalate	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/6/2023 7:16:00 AM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/6/2023 7:16:00 AM	Dibenz(a,h)anthracene	n/a	<	0.072	µg/L	EPA 8270C	0.072	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Di-n-butylphthalate	n/a	<	0.68	µg/L	EPA 625.1	0.68	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/6/2023 7:16:00 AM	Fluoranthene	n/a	<	0.078	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/6/2023 7:16:00 AM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/6/2023 7:16:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/6/2023 7:16:00 AM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/6/2023 7:16:00 AM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/7/2023 5:53:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/6/2023 7:16:00 AM	Pyrene	n/a	<	0.08	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/11/2022 10:45:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/11/2022 10:45:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/11/2022 10:45:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/11/2022 10:45:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/11/2022 10:45:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/11/2022 10:45:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/11/2022 10:45:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/11/2022 10:45:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/11/2022 10:45:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/11/2022 10:45:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/11/2022 10:45:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/11/2022 10:45:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Fensulfthion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/6/2022 2:50:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/7/2023 5:53:00 AM	Pentachlorophenol	n/a	=	2.1	µg/L	EPA 8270C	0.3	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	1/4/2023 10:55:00 PM	Pentachlorophenol	n/a	DNQ	1.3	µg/L	EPA 625.1	0.8	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/11/2022 10:45:00 AM	Pentachlorophenol	n/a	=	0.73	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/11/2022 10:45:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/28/2022 1:19:00 AM	Toxaphene	n/a	<	1.2	µg/L	EPA 608.3	1.2	2.5	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/13/2022 4:39:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	
MO-MEI	2022/23-2	Wet	12/3/2022 7:15:00 AM	12/17/2022 5:43:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-MEI	2022/23-4	Wet	2/24/2023 7:15:00 AM	2/25/2023 11:20:00 AM	E. Coli	n/a	=	12033	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-MEI	2022/23-4	Wet	2/24/2023 7:15:00 AM	2/25/2023 11:20:00 AM	Total Coliform	n/a	=	72700	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MEI	2022/23-4	Wet	2/24/2023 7:15:00 AM	2/24/2023 7:15:00 AM	Conductivity	n/a	=	172.6	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2022/23-4	Wet	2/24/2023 7:15:00 AM	3/10/2023 4:02:00 PM	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-MEI	2022/23-4	Wet	2/24/2023 7:15:00 AM	2/24/2023 7:15:00 AM	DO	n/a	=	84.2	%	Field Meter	-88	0.1	Field Crew	
MO-MEI	2022/23-4	Wet	2/24/2023 7:15:00 AM	2/24/2023 7:15:00 AM	DO	n/a	=	9.74	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MEI	2022/23-4	Wet	2/24/2023 7:15:00 AM	2/24/2023 7:15:00 AM	pH	n/a	=	6.78	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MEI	2022/23-4	Wet	2/24/2023 7:15:00 AM	2/24/2023 7:15:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-MEI	2022/23-4	Wet	2/24/2023 7:15:00 AM	2/24/2023 7:15:00 AM	Specific Conductance	n/a	=	254.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2022/23-4	Wet	2/24/2023 7:15:00 AM	2/24/2023 7:15:00 AM	Temperature	n/a	=	8.2	°C	Field Meter	-88	0.1	Field Crew	
MO-MEI	2022/23-4	Wet	2/24/2023 7:15:00 AM	3/1/2023 11:48:00 AM	Gasoline Range Organics	n/a	DNQ	0.081	mg/L	EPA 8260B	0.065	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2022/23-4	Wet	2/24/2023 7:15:00 AM	3/17/2023 4:58:00 PM	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/7/2023 1:03:00 AM	Chloride	n/a	=	14	mg/L	EPA 300.0	0.19	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/7/2023 1:03:00 AM	Fluoride	n/a	DNQ	0.076	mg/L	EPA 300.0	0.009	0.1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/8/2023 10:07:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 7:34:00 PM	Calcium	Total	=	17.1	mg/L	EPA 200.7	0.0736	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 7:34:00 PM	Magnesium	Total	=	8.16	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/2/2023 2:12:00 PM	Alkalinity as CaCO3	n/a	=	53	mg/L	SM 2320 B	1.9	5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/3/2023 1:26:00 PM	BOD	n/a	=	5.1	mg/L	SM 5210 B	2	2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/13/2023 10:27:00 AM	COD	n/a	=	35	mg/L	EPA 410.4	2.9	5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 7:34:00 PM	Hardness as CaCO3	Total	=	76.2	mg/L	EPA 200.7	0.344	3.31	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	2/26/2023 3:34:00 PM	MBAS	n/a	=	0.063	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/15/2023 3:47:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/8/2023 10:30:00 AM	Specific Conductance	n/a	=	210	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/2/2023 12:22:00 PM	Total Dissolved Solids	n/a	=	130	mg/L	SM 2540 C	4	10	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/2/2023 2:26:00 AM	Total Organic Carbon	n/a	=	8.3	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/2/2023 5:22:00 PM	Total Suspended Solids	n/a	=	130	mg/L	SM 2540 D	-88	5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	2/26/2023 5:06:00 PM	Turbidity	n/a	=	120	NTU	EPA 180.1	0.085	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/2/2023 5:22:00 PM	Volatile Suspended Solids	n/a	=	22	mg/L	EPA 160.4	3.1	5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 2:33:00 PM	Diesel Range Organics	n/a	=	0.23	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 2:33:00 PM	Oil Range Organics	n/a	DNQ	0.25	mg/L	EPA 8015B	0.22	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:35:00 PM	Aluminum	Dissolved	=	48	µg/L	EPA 200.8	4.4	20	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:38:00 PM	Aluminum	Total	=	3200	µg/L	EPA 200.8	4.4	20	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:35:00 PM	Antimony	Dissolved	DNQ	0.17	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:38:00 PM	Antimony	Total	DNQ	0.23	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:35:00 PM	Arsenic	Dissolved	=	1.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:38:00 PM	Arsenic	Total	=	1.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:38:00 PM	Barium	Total	=	61	µg/L	EPA 200.8	0.14	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:35:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:38:00 PM	Beryllium	Total	=	0.11	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:35:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:38:00 PM	Cadmium	Total	DNQ	0.077	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:35:00 PM	Chromium	Dissolved	=	0.47	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:38:00 PM	Chromium	Total	=	7.6	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/6/2023 9:43:00 PM	Chromium VI	n/a	=	0.25	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:35:00 PM	Copper	Dissolved	=	3.9	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:38:00 PM	Copper	Total	=	7.8	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:35:00 PM	Iron	Dissolved	=	78	µg/L	EPA 200.8	3.9	20	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:38:00 PM	Iron	Total	=	3400	µg/L	EPA 200.8	3.9	20	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:35:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:38:00 PM	Lead	Total	=	2.3	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/7/2023 1:47:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/7/2023 1:49:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:35:00 PM	Nickel	Dissolved	=	2.6	µg/L	EPA 200.8	0.16	2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:38:00 PM	Nickel	Total	=	13	µg/L	EPA 200.8	0.4	2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:35:00 PM	Selenium	Dissolved	DNQ	0.14	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:38:00 PM	Selenium	Total	DNQ	0.21	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:35:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:38:00 PM	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:35:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:38:00 PM	Thallium	Total	DNQ	0.029	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:35:00 PM	Zinc	Dissolved	DNQ	6.3	µg/L	EPA 200.8	1.7	10	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/9/2023 1:38:00 PM	Zinc	Total	=	27	µg/L	EPA 200.8	1.7	10	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/13/2023 1:00:00 PM	Ammonia as N	n/a	=	0.17	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/8/2023 3:47:00 PM	Nitrate + Nitrite as N	n/a	=	0.94	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 7:31:00 PM	Phosphorus as P	Dissolved	=	0.34	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 7:34:00 PM	Phosphorus as P	Total	=	0.5	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/21/2023 5:27:00 PM	TKN	n/a	=	1.5	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/31/2023 12:41:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	LB-LCSR
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 2:22:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 2:22:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 2:22:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 2:22:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 2:22:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 2:22:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/31/2023 12:41:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	LB-LCSR
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 2:22:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 2:22:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 2:22:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 2:22:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 2:22:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 2:22:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/31/2023 12:41:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/31/2023 12:41:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/31/2023 12:41:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/31/2023 12:41:00 AM	Benz(a)anthracene	n/a	DNQ	0.055	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Benzo(a)pyrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/31/2023 12:41:00 AM	Benzo(a)pyrene	n/a	DNQ	0.06	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/31/2023 12:41:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/31/2023 12:41:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.059	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/31/2023 12:41:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.051	µg/L	EPA 8270C	0.026	0.1	WKL	ANI
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/31/2023 12:41:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/31/2023 12:41:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/31/2023 12:41:00 AM	Fluoranthene	n/a	DNQ	0.074	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/31/2023 12:41:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/31/2023 12:41:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/31/2023 12:41:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/31/2023 12:41:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 2:22:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/31/2023 12:41:00 AM	Pyrene	n/a	DNQ	0.068	µg/L	EPA 8270C	0.04	0.1	WKL	UL-MB
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	PCB Aroclor 1016	n/a	<	0.14	µg/L	EPA 608.3	0.14	2.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	PCB Aroclor 1232	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	PCB Aroclor 1242	n/a	<	0.48	µg/L	EPA 608.3	0.48	2.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	PCB Aroclor 1248	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	2.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	PCB Aroclor 1260	n/a	<	0.28	µg/L	EPA 608.3	0.28	2.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 2:55:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 2:55:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 2:55:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 2:55:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 2:55:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 2:55:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 2:55:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 2:55:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 2:55:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 2:55:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 2:55:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 2:55:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	LB-LCSR
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Fensulfothion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/4/2023 2:48:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Malathion	n/a	DNQ	0.0063	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 2:55:00 AM	Pentachlorophenol	n/a	DNQ	0.13	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	4/1/2023 4:18:00 PM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 2:22:00 AM	Pentachlorophenol	n/a	DNQ	0.62	µg/L	EPA 8270C	0.15	1	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 2:55:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/16/2023 11:40:00 AM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/10/2023 10:57:00 PM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
MO-MEI	2022/23-4	Wet	2/25/2023 6:27:00 AM	3/14/2023 5:08:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	5/26/2023 10:11:00 AM	Chloride	n/a	=	260	mg/L	EPA 300.0	0.95	2.5	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	5/25/2023 8:01:00 PM	Fluoride	n/a	=	0.19	mg/L	EPA 300.0	0.009	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 6:43:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	5/24/2023 1:25:00 PM	E. Coli	n/a	=	891	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	5/24/2023 1:25:00 PM	Total Coliform	n/a	=	111990	MPN/100 mL	MMO-MUG	100	100	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-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/5/2023 3:44:00 PM	Calcium	Total	=	80.3	mg/L	EPA 200.7	0.0736	0.5	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/5/2023 3:44:00 PM	Magnesium	Total	=	167	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	5/30/2023 2:32:00 PM	Alkalinity as CaCO3	n/a	=	380	mg/L	SM 2320 B	1.9	5	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/12/2023 10:47:00 AM	COD	n/a	=	43	mg/L	EPA 410.4	2.9	5	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	5/23/2023 9:20:00 AM	Conductivity	n/a	=	1899	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	5/31/2023 6:10:00 PM	Cyanide	Total	DNQ	0.0015	mg/L	ASTM D7511	0.0006	0.002	WKL	UL-MB
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	5/23/2023 9:20:00 AM	DO	n/a	=	140.4	%	Field Meter	-88	0.1	Field Crew	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	5/23/2023 9:20:00 AM	DO	n/a	=	13.47	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/5/2023 3:44:00 PM	Hardness as CaCO3	Total	=	889	mg/L	EPA 200.7	0.344	3.31	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	5/24/2023 9:10:00 PM	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	5/23/2023 9:20:00 AM	pH	n/a	=	8.12	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/9/2023 5:36:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	5/23/2023 9:20:00 AM	Salinity	n/a	=	1200	mg/L	Field Meter	-88	100	Field Crew	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	5/23/2023 9:20:00 AM	Specific Conductance	n/a	=	2232	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/9/2023 4:58:00 PM	Specific Conductance	n/a	=	2200	µmhos/cm	SM 2510 B	3.2	6	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	5/23/2023 9:20:00 AM	Temperature	n/a	=	17.2	°C	Field Meter	-88	0.1	Field Crew	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	5/25/2023 11:52:00 AM	Total Dissolved Solids	n/a	=	1400	mg/L	SM 2540 C	4	10	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/3/2023 3:31:00 PM	Total Organic Carbon	n/a	=	10	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	5/30/2023 1:45:00 PM	Total Suspended Solids	n/a	=	5	mg/L	SM 2540 D	-88	5	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	5/24/2023 6:16:00 PM	Turbidity	n/a	=	1.2	NTU	EPA 180.1	0.017	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	5/30/2023 1:45:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/28/2023 2:36:00 PM	Diesel Range Organics	n/a	=	0.14	mg/L	EPA 8015B	0.072	0.1	WKL	EST-HT
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/1/2023 10:16:00 PM	Gasoline Range Organics	n/a	DNQ	0.17	mg/L	EPA 8260B	0.065	0.3	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	5/25/2023 4:36:00 PM	Oil and Grease	n/a	DNQ	1.6	mg/L	EPA 1664B	0.7	4.6	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/28/2023 2:36:00 PM	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5	WKL	EST-HT
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:40:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:43:00 PM	Aluminum	Total	DNQ	4.9	µg/L	EPA 200.8	4.4	20	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:40:00 PM	Antimony	Dissolved	DNQ	0.17	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:43:00 PM	Antimony	Total	DNQ	0.15	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:40:00 PM	Arsenic	Dissolved	=	2.9	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:43:00 PM	Arsenic	Total	=	2.7	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:43:00 PM	Barium	Total	=	75	µg/L	EPA 200.8	0.14	1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:40:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:43:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:40:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:43:00 PM	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:40:00 PM	Chromium	Dissolved	=	0.26	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:43:00 PM	Chromium	Total	=	0.31	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/6/2023 4:19:00 PM	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:40:00 PM	Copper	Dissolved	=	1.8	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:43:00 PM	Copper	Total	=	1.8	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:40:00 PM	Iron	Dissolved	DNQ	4.5	µg/L	EPA 200.8	3.9	20	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:43:00 PM	Iron	Total	DNQ	10	µg/L	EPA 200.8	3.9	20	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:40:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:43:00 PM	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 2:09:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 2:11:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:40:00 PM	Nickel	Dissolved	=	8.8	µg/L	EPA 200.8	0.16	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:43:00 PM	Nickel	Total	=	9	µg/L	EPA 200.8	0.4	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:40:00 PM	Selenium	Dissolved	DNQ	0.33	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:43:00 PM	Selenium	Total	DNQ	0.34	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:40:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:43:00 PM	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:40:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:43:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:40:00 PM	Zinc	Dissolved	<	1.7	µg/L	EPA 200.8	1.7	10	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 3:43:00 PM	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/5/2023 6:27:00 PM	Ammonia as N	n/a	=	1.3	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	5/24/2023 6:37:00 PM	Nitrate + Nitrite as N	n/a	DNQ	0.16	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/5/2023 3:41:00 PM	Phosphorus as P	Dissolved	DNQ	0.045	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/5/2023 3:44:00 PM	Phosphorus as P	Total	=	0.06	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/8/2023 7:32:00 PM	TKN	n/a	=	1.1	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/20/2023 4:25:00 AM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/22/2023 2:42:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/22/2023 2:42:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/22/2023 2:42:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/22/2023 2:42:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	2,4-Dinitrophenol	n/a	<	8.9	µg/L	EPA 625.1	8.9	20	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/22/2023 2:42:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/22/2023 2:42:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/20/2023 4:25:00 AM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/22/2023 2:42:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/22/2023 2:42:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/22/2023 2:42:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/22/2023 2:42:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/22/2023 2:42:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/22/2023 2:42:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/20/2023 4:25:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/20/2023 4:25:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/20/2023 4:25:00 AM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/20/2023 4:25:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Benz(a)anthracene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Benzenidine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 1:10:00 AM	Benzo(a)pyrene	n/a	<	0.045	µg/L	EPA 525.2	0.045	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/20/2023 4:25:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Benzo(a)pyrene	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/20/2023 4:25:00 AM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/20/2023 4:25:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Benzo(k)fluoranthene	n/a	<	1.4	µg/L	EPA 625.1	1.4	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/20/2023 4:25:00 AM	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	LB-LCSR
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 1:10:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.38	µg/L	EPA 525.2	0.38	5	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 1:10:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Butyl benzyl phthalate	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/20/2023 4:25:00 AM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Dibenz(a,h)anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	4	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/20/2023 4:25:00 AM	Dibenz(a,h)anthracene	n/a	<	0.16	µg/L	EPA 8270C	0.16	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Di-n-butylphthalate	n/a	<	0.68	µg/L	EPA 625.1	0.68	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/20/2023 4:25:00 AM	Fluoranthene	n/a	<	0.078	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/20/2023 4:25:00 AM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Hexachlorocyclopentadiene	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 1:10:00 AM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/20/2023 4:25:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	1.3	µg/L	EPA 625.1	1.3	4	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/20/2023 4:25:00 AM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/20/2023 4:25:00 AM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/22/2023 2:42:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Phenol	n/a	<	0.33	µg/L	EPA 625.1	0.33	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/20/2023 4:25:00 AM	Pyrene	n/a	<	0.08	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	PCB Aroclor 1221	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	PCB Aroclor 1232	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	PCB Aroclor 1242	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	PCB Aroclor 1248	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	PCB Aroclor 1254	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	PCB Aroclor 1260	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/8/2023 4:16:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/8/2023 4:16:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/8/2023 4:16:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/8/2023 4:16:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/8/2023 4:16:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	4,4'-DDD	n/a	<	0.0054	µg/L	EPA 608.3	0.0054	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	4,4'-DDE	n/a	<	0.0036	µg/L	EPA 608.3	0.0036	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	4,4'-DDT	n/a	<	0.0056	µg/L	EPA 608.3	0.0056	0.02	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/8/2023 4:16:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 1:10:00 AM	Alachlor	n/a	<	0.063	µg/L	EPA 525.2	0.063	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	Aldrin	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	alpha-BHC	n/a	<	0.0049	µg/L	EPA 608.3	0.0049	0.02	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	alpha-Chlordane	n/a	<	0.0058	µg/L	EPA 608.3	0.0058	0.02	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 1:10:00 AM	Atrazine	n/a	<	0.042	µg/L	EPA 525.2	0.042	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/8/2023 4:16:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	beta-BHC	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 1:10:00 AM	Bromacil	n/a	<	0.24	µg/L	EPA 525.2	0.24	0.5	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 1:10:00 AM	Butachlor	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	LB-LCSR
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 1:10:00 AM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	Chlordane (technical)	n/a	<	0.086	µg/L	EPA 608.3	0.086	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 1:10:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/8/2023 4:16:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/8/2023 4:16:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	delta-BHC	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 1:10:00 AM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/8/2023 4:16:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/8/2023 4:16:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	Dieldrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 1:10:00 AM	Dimethoate	n/a	<	0.041	µg/L	EPA 525.2	0.041	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/8/2023 4:16:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 1:10:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 1:10:00 AM	Disulfoton	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	Endosulfan I	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.04	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	Endosulfan II	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	Endosulfan sulfate	n/a	<	0.0059	µg/L	EPA 608.3	0.0059	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	Endrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	Endrin aldehyde	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 1:10:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Fensulfothion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	LB-LCSR
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	gamma-BHC (Lindane)	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.04	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	gamma-Chlordane	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	5/31/2023 2:45:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	Heptachlor	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	Heptachlor epoxide	n/a	<	0.0036	µg/L	EPA 608.3	0.0036	0.02	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 1:10:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 11:04:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 1:10:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/16/2023 9:21:00 PM	Pentachlorophenol	n/a	<	0.8	µg/L	EPA 625.1	0.8	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/22/2023 2:42:00 AM	Pentachlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/8/2023 4:16:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/8/2023 4:16:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 1:10:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 1:10:00 AM	Simazine	n/a	<	0.058	µg/L	EPA 525.2	0.058	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 1:10:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 1:10:00 AM	Thiobencarb	n/a	<	0.069	µg/L	EPA 525.2	0.069	0.1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 8:43:00 PM	Toxaphene	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/2/2023 11:04:00 PM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
MO-MEI	2022/23-6	Dry	5/23/2023 9:20:00 AM	6/7/2023 1:10:00 AM	Trithion	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2022/23-1	Wet	11/8/2022 2:20:00 PM	11/9/2022 5:00:00 PM	E. Coli	n/a	=	111990	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MPK	2022/23-1	Wet	11/8/2022 2:20:00 PM	11/9/2022 5:00:00 PM	Total Coliform	n/a	=	1413600	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-MPK	2022/23-1	Wet	11/8/2022 2:20:00 PM	11/8/2022 2:20:00 PM	Conductivity	n/a	=	96.9	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2022/23-1	Wet	11/8/2022 2:20:00 PM	11/8/2022 2:20:00 PM	DO	n/a	=	7.22	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MPK	2022/23-1	Wet	11/8/2022 2:20:00 PM	11/8/2022 2:20:00 PM	DO	n/a	=	71.8	%	Field Meter	-88	0.1	Field Crew	
MO-MPK	2022/23-1	Wet	11/8/2022 2:20:00 PM	11/8/2022 2:20:00 PM	pH	n/a	=	8.33	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MPK	2022/23-1	Wet	11/8/2022 2:20:00 PM	11/8/2022 2:20:00 PM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-MPK	2022/23-1	Wet	11/8/2022 2:20:00 PM	11/8/2022 2:20:00 PM	Specific Conductance	n/a	=	121.6	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2022/23-1	Wet	11/8/2022 2:20:00 PM	11/8/2022 2:20:00 PM	Temperature	n/a	=	14.4	°C	Field Meter	-88	0.1	Field Crew	
MO-MPK	2022/23-1	Wet	11/8/2022 2:20:00 PM	11/17/2022 7:31:00 PM	Gasoline Range Organics	n/a	DNQ	0.07	mg/L	EPA 8260B	0.065	0.1	WKL	UL-MB, IPND
MO-MPK	2022/23-1	Wet	11/8/2022 2:20:00 PM	12/1/2022 10:10:00 AM	Oil and Grease	n/a	DNQ	0.6	mg/L	EPA 1664B	0.6	4	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 2:20:00 PM	11/12/2022 5:28:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 2:20:00 PM	11/12/2022 5:28:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/12/2022 3:53:00 AM	Chloride	n/a	=	12	mg/L	EPA 300.0	0.38	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/12/2022 3:53:00 AM	Fluoride	n/a	DNQ	0.12	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/11/2022 11:46:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 7:28:00 PM	Calcium	Total	=	31.6	mg/L	EPA 200.7	0.0468	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 7:28:00 PM	Magnesium	Total	=	11.1	mg/L	EPA 200.7	0.078	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/12/2022 10:27:00 AM	Alkalinity as CaCO3	n/a	=	51	mg/L	SM 2320 B	1.9	5	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 12:01:00 PM	BOD	n/a	=	36	mg/L	SM 5210 B	2	2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/22/2022 5:15:00 PM	COD	n/a	=	130	mg/L	EPA 410.4	2.9	5	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/18/2022 3:45:00 PM	Cyanide	Total	=	0.0047	mg/L	ASTM D7511	0.00059	0.002	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 7:28:00 PM	Hardness as CaCO3	Total	=	125	mg/L	EPA 200.7	0.438	6.62	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/10/2022 11:20:00 AM	MBAS	n/a	DNQ	0.041	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/22/2022 11:51:00 AM	Phenolics	n/a	=	0.011	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/23/2022 11:13:00 AM	Specific Conductance	n/a	=	290	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/10/2022 3:24:00 PM	Total Chlorine Residual	n/a	=	0.055	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/14/2022 1:13:00 PM	Total Dissolved Solids	n/a	=	170	mg/L	SM 2540 C	4	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 7:15:00 PM	Total Organic Carbon	n/a	=	12	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 12:07:00 PM	Total Suspended Solids	n/a	=	3700	mg/L	SM 2540 D	-88	5	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/10/2022 2:24:00 PM	Turbidity	n/a	=	110	NTU	EPA 180.1	0.17	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 12:07:00 PM	Volatile Suspended Solids	n/a	=	430	mg/L	EPA 160.4	3.1	5	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/19/2022 7:48:00 PM	Diesel Range Organics	n/a	=	0.17	mg/L	EPA 8015B	0.072	0.1	WKL	CK
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/19/2022 7:48:00 PM	Oil Range Organics	n/a	DNQ	0.36	mg/L	EPA 8015B	0.22	0.5	WKL	CK
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:03:00 PM	Aluminum	Dissolved	=	40	µg/L	EPA 200.8	4.4	20	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 6:52:00 PM	Aluminum	Total	=	12000	µg/L	EPA 200.8	8.9	40	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:03:00 PM	Antimony	Dissolved	DNQ	0.46	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:06:00 PM	Antimony	Total	=	0.85	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:03:00 PM	Arsenic	Dissolved	=	1.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:06:00 PM	Arsenic	Total	=	3.9	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:06:00 PM	Barium	Total	=	140	µg/L	EPA 200.8	0.14	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:03:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:06:00 PM	Beryllium	Total	=	0.43	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:03:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:06:00 PM	Cadmium	Total	=	0.8	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:03:00 PM	Chromium	Dissolved	=	0.47	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:06:00 PM	Chromium	Total	=	21	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/14/2022 6:56:00 PM	Chromium VI	n/a	=	0.22	µg/L	EPA 218.6	0.0079	0.02	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:03:00 PM	Copper	Dissolved	=	5.9	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:06:00 PM	Copper	Total	=	24	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:03:00 PM	Iron	Dissolved	=	56	µg/L	EPA 200.8	3.9	20	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 6:52:00 PM	Iron	Total	=	14000	µg/L	EPA 200.8	7.9	40	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:03:00 PM	Lead	Dissolved	DNQ	0.12	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:06:00 PM	Lead	Total	=	14	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/21/2022 11:59:00 AM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/21/2022 12:01:00 PM	Mercury	Total	=	56	ng/L	EPA 245.1	37	50	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:03:00 PM	Nickel	Dissolved	DNQ	1.9	µg/L	EPA 200.8	0.16	2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:06:00 PM	Nickel	Total	=	18	µg/L	EPA 200.8	0.16	2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:03:00 PM	Selenium	Dissolved	=	0.65	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:06:00 PM	Selenium	Total	=	0.54	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:03:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:06:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:03:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:06:00 PM	Thallium	Total	DNQ	0.15	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:03:00 PM	Zinc	Dissolved	DNQ	6.6	µg/L	EPA 200.8	0.8	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 5:06:00 PM	Zinc	Total	=	130	µg/L	EPA 200.8	1.7	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/17/2022 4:35:00 PM	Ammonia as N	n/a	=	0.43	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/10/2022 2:52:00 PM	Nitrate + Nitrite as N	n/a	=	2.6	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/10/2022 2:52:00 PM	Nitrate as N	n/a	=	2.5	mg/L	EPA 353.2	0.04	0.2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 7:25:00 PM	Phosphorus as P	Dissolved	=	0.42	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/15/2022 7:28:00 PM	Phosphorus as P	Total	=	2.1	mg/L	EPA 200.7	0.036	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/2/2022 2:49:00 PM	TKN	n/a	=	4	mg/L	EPA 351.2	0.26	0.4	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/3/2022 9:55:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/10/2022 5:39:00 PM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/10/2022 5:39:00 PM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/10/2022 5:39:00 PM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/10/2022 5:39:00 PM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	LB-LCSR
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	2,4-Dimethylphenol	n/a	<	7.6	µg/L	EPA 625.1	7.6	10	WKL	-LCSRPD, LB-L
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/10/2022 5:39:00 PM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	2,4-Dinitrotoluene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/10/2022 5:39:00 PM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/3/2022 9:55:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/10/2022 5:39:00 PM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/10/2022 5:39:00 PM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	3,3'-Dichlorobenzidine	n/a	<	25	µg/L	EPA 625.1	25	50	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/10/2022 5:39:00 PM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/10/2022 5:39:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	5	µg/L	EPA 625.1	5	50	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/10/2022 5:39:00 PM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/10/2022 5:39:00 PM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/3/2022 9:55:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/3/2022 9:55:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Acenaphthylene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/3/2022 9:55:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Anthracene	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/3/2022 9:55:00 AM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Benidine	n/a	<	32	µg/L	EPA 625.1	32	100	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/3/2022 9:55:00 AM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/3/2022 9:55:00 AM	Benzo(b)fluoranthene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/3/2022 9:55:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/3/2022 9:55:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.31	µg/L	EPA 8270C	0.26	1	WKL	ANI
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	4.2	µg/L	EPA 525.2	4.2	50	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	EST-LCSRPD
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Butyl benzyl phthalate	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/3/2022 9:55:00 AM	Chrysene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Dibenz(a,h)anthracene	n/a	<	1.5	µg/L	EPA 625.1	1.5	20	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/3/2022 9:55:00 AM	Dibenz(a,h)anthracene	n/a	DNQ	0.42	µg/L	EPA 8270C	0.36	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Diethyl phthalate	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Di-n-butylphthalate	n/a	<	3.4	µg/L	EPA 625.1	3.4	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/3/2022 9:55:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Fluoranthene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/3/2022 9:55:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	Hexachlorocyclopentadiene	n/a	<	0.92	µg/L	EPA 525.2	0.92	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Hexachlorocyclopentadiene	n/a	<	3.1	µg/L	EPA 625.1	3.1	50	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/3/2022 9:55:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	20	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/3/2022 9:55:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/3/2022 9:55:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Phenol	n/a	<	8.1	µg/L	EPA 625.1	8.1	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/10/2022 5:39:00 PM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/3/2022 9:55:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/4/2022 3:08:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/4/2022 3:08:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/4/2022 3:08:00 PM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/4/2022 3:08:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/4/2022 3:08:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	4,4'-DDD	n/a	<	0.027	µg/L	EPA 608.3	0.027	0.5	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	4,4'-DDE	n/a	DNQ	0.018	µg/L	EPA 608.3	0.018	0.5	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	4,4'-DDT	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/4/2022 3:08:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	Atrazine	n/a	<	0.11	µg/L	EPA 525.2	0.11	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Azinphos methyl	n/a	<	0.053	µg/L	EPA 625.1m	0.053	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/4/2022 3:08:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Bolstar	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	Bromacil	n/a	<	0.7	µg/L	EPA 525.2	0.7	5	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	Chloroprotham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Chlorpyrifos	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Coumaphos	n/a	<	0.055	µg/L	EPA 625.1m	0.055	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/4/2022 3:08:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/4/2022 3:08:00 PM	DCPA (Dacthal)	n/a	=	0.37	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Demeton-O	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Demeton-S	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	Diazinon	n/a	<	0.22	µg/L	EPA 525.2	0.22	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Diazinon	n/a	DNQ	0.041	µg/L	EPA 625.1m	0.01	0.1	WKL	LB-LCSR
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/4/2022 3:08:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/4/2022 3:08:00 PM	Dichlorprop	n/a	<	0.3	µg/L	EPA 515.4	0.3	0.3	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Dichlorvos	n/a	DNQ	0.03	µg/L	EPA 625.1m	0.0093	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	Dieldrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Dimethoate	n/a	DNQ	0.043	µg/L	EPA 625.1m	0.027	0.1	WKL	UL-MB
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/4/2022 3:08:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	Disulfoton	n/a	<	0.15	µg/L	EPA 525.2	0.15	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Disulfoton	n/a	DNQ	0.017	µg/L	EPA 625.1m	0.017	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	Endosulfan I	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Ethoprop	n/a	<	0.0065	µg/L	EPA 625.1m	0.0065	0.1	WKL	LB-LCSR
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Ethyl parathion	n/a	<	0.022	µg/L	EPA 625.1m	0.022	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Fensulfothion	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Fenthion	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	gamma-BHC (Lindane)	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/21/2022 5:46:00 PM	Glyphosate	n/a	=	14	µg/L	EPA 547	1.8	5	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	Heptachlor	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	Heptachlor epoxide	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Malathion	n/a	DNQ	0.024	µg/L	EPA 625.1m	0.021	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Merphos	n/a	<	0.055	µg/L	EPA 625.1m	0.055	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Mevinphos	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Naled	n/a	<	0.0074	µg/L	EPA 625.1m	0.0074	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/10/2022 5:39:00 PM	Pentachlorophenol	n/a	DNQ	6.3	µg/L	EPA 8270C	1.5	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/4/2022 3:08:00 PM	Pentachlorophenol	n/a	=	1.4	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/13/2022 5:35:00 PM	Pentachlorophenol	n/a	DNQ	5.2	µg/L	EPA 625.1	4	10	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Phorate	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	12/4/2022 3:08:00 PM	Picloram	n/a	<	0.6	µg/L	EPA 515.4	0.6	0.6	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.024	µg/L	EPA 625.1m	0.024	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Tokuthion	n/a	<	0.022	µg/L	EPA 625.1m	0.022	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/30/2022 4:03:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/19/2022 1:37:00 AM	Trichloronate	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.1	WKL	
MO-MPK	2022/23-1	Wet	11/8/2022 3:00:00 PM	11/16/2022 10:28:00 PM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 4:05:00 AM	12/3/2022 7:55:00 AM	E. Coli	n/a	=	5794	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-MPK	2022/23-2	Wet	12/2/2022 4:05:00 AM	12/3/2022 7:55:00 AM	Total Coliform	n/a	=	241960	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MPK	2022/23-2	Wet	12/2/2022 4:05:00 AM	12/2/2022 4:05:00 AM	Conductivity	n/a	=	147.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2022/23-2	Wet	12/2/2022 4:05:00 AM	12/12/2022 7:39:00 AM	Cyanide	Total	DNQ	0.0018	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 4:05:00 AM	12/2/2022 4:05:00 AM	DO	n/a	=	82.4	%	Field Meter	-88	0.1	Field Crew	
MO-MPK	2022/23-2	Wet	12/2/2022 4:05:00 AM	12/2/2022 4:05:00 AM	DO	n/a	=	8.81	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MPK	2022/23-2	Wet	12/2/2022 4:05:00 AM	12/2/2022 4:05:00 AM	pH	n/a	=	7.72	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MPK	2022/23-2	Wet	12/2/2022 4:05:00 AM	12/2/2022 4:05:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-MPK	2022/23-2	Wet	12/2/2022 4:05:00 AM	12/2/2022 4:05:00 AM	Specific Conductance	n/a	=	193.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2022/23-2	Wet	12/2/2022 4:05:00 AM	12/2/2022 4:05:00 AM	Temperature	n/a	=	12.1	°C	Field Meter	-88	0.1	Field Crew	
MO-MPK	2022/23-2	Wet	12/2/2022 4:05:00 AM	12/11/2022 8:26:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 4:05:00 AM	12/12/2022 3:21:00 PM	Oil and Grease	n/a	DNQ	1.3	mg/L	EPA 1664B	0.7	4.6	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/15/2022 2:39:00 AM	Chloride	n/a	=	29	mg/L	EPA 300.0	0.38	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/15/2022 2:39:00 AM	Fluoride	n/a	DNQ	0.18	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/10/2022 2:10:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/9/2022 5:58:00 PM	Calcium	Total	=	30.1	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/9/2022 5:58:00 PM	Magnesium	Total	=	5.02	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/3/2022 1:20:00 PM	Alkalinity as CaCO3	n/a	=	41	mg/L	SM 2320 B	1.9	5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/7/2022 6:40:00 PM	BOD	n/a	=	16	mg/L	SM 5210 B	2	2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/9/2022 3:23:00 PM	COD	n/a	=	64	mg/L	EPA 410.4	2.9	5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/9/2022 5:58:00 PM	Hardness as CaCO3	Total	=	95.8	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/2/2022 9:16:00 PM	MBAS	n/a	=	0.18	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/14/2022 12:24:00 PM	Phenolics	n/a	DNQ	0.009	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/14/2022 11:53:00 AM	Specific Conductance	n/a	=	320	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/4/2022 10:46:00 AM	Total Chlorine Residual	n/a	DNQ	0.033	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/8/2022 1:39:00 PM	Total Dissolved Solids	n/a	=	230	mg/L	SM 2540 C	4	10	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/8/2022 10:11:00 AM	Total Organic Carbon	n/a	=	15	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/6/2022 5:10:00 PM	Total Suspended Solids	n/a	=	67	mg/L	SM 2540 D	-88	5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/3/2022 2:13:00 PM	Turbidity	n/a	=	11	NTU	EPA 180.1	0.017	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/6/2022 5:10:00 PM	Volatile Suspended Solids	n/a	=	15	mg/L	EPA 160.4	3.1	5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/20/2022 1:35:00 AM	Diesel Range Organics	n/a	=	0.36	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/20/2022 1:35:00 AM	Oil Range Organics	n/a	DNQ	0.38	mg/L	EPA 8015B	0.22	0.5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:41:00 PM	Aluminum	Dissolved	DNQ	18	µg/L	EPA 200.8	4.4	20	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:44:00 PM	Aluminum	Total	=	2100	µg/L	EPA 200.8	4.4	20	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:41:00 PM	Antimony	Dissolved	=	0.66	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:44:00 PM	Antimony	Total	=	0.9	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:41:00 PM	Arsenic	Dissolved	=	1.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:44:00 PM	Arsenic	Total	=	2.2	µg/L	EPA 200.8	0.074	0.4	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:44:00 PM	Barium	Total	=	54	µg/L	EPA 200.8	0.14	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:41:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:44:00 PM	Beryllium	Total	DNQ	0.082	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:41:00 PM	Cadmium	Dissolved	DNQ	0.059	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:44:00 PM	Cadmium	Total	DNQ	0.18	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:41:00 PM	Chromium	Dissolved	=	1.5	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:44:00 PM	Chromium	Total	=	5.1	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/6/2022 6:27:00 PM	Chromium VI	n/a	=	1.5	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:41:00 PM	Copper	Dissolved	=	7.1	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:44:00 PM	Copper	Total	=	13	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:41:00 PM	Iron	Dissolved	=	25	µg/L	EPA 200.8	3.9	20	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:44:00 PM	Iron	Total	=	2500	µg/L	EPA 200.8	3.9	20	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:41:00 PM	Lead	Dissolved	DNQ	0.093	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:44:00 PM	Lead	Total	=	2.5	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 5:17:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 5:19:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:41:00 PM	Nickel	Dissolved	DNQ	1.8	µg/L	EPA 200.8	0.16	2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:44:00 PM	Nickel	Total	=	4.6	µg/L	EPA 200.8	0.16	2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:41:00 PM	Selenium	Dissolved	=	2.1	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:44:00 PM	Selenium	Total	=	2.1	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:41:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:44:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:41:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:44:00 PM	Thallium	Total	DNQ	0.028	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:41:00 PM	Zinc	Dissolved	=	15	µg/L	EPA 200.8	0.8	10	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:44:00 PM	Zinc	Total	=	43	µg/L	EPA 200.8	1.7	10	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/7/2022 1:16:00 PM	Ammonia as N	n/a	=	0.35	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/3/2022 1:56:00 PM	Nitrate + Nitrite as N	n/a	=	4	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/9/2022 5:55:00 PM	Phosphorus as P	Dissolved	=	0.39	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/9/2022 5:58:00 PM	Phosphorus as P	Total	=	0.6	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/19/2022 6:05:00 PM	TKN	n/a	=	2.9	mg/L	EPA 351.2	0.26	0.4	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/6/2023 9:58:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/9/2023 4:09:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/9/2023 4:09:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/9/2023 4:09:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/9/2023 4:09:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/9/2023 4:09:00 PM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/9/2023 4:09:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/6/2023 9:58:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/9/2023 4:09:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/9/2023 4:09:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/9/2023 4:09:00 PM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/9/2023 4:09:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/9/2023 4:09:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/9/2023 4:09:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/6/2023 9:58:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/6/2023 9:58:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/6/2023 9:58:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/6/2023 9:58:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Benzenzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/6/2023 9:58:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/6/2023 9:58:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/6/2023 9:58:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/6/2023 9:58:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	4.2	µg/L	EPA 625.1	2.3	5	WKL	R
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/6/2023 9:58:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/6/2023 9:58:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/6/2023 9:58:00 AM	Fluoranthene	n/a	DNQ	0.044	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/6/2023 9:58:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/6/2023 9:58:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/6/2023 9:58:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/6/2023 9:58:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/9/2023 4:09:00 PM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/6/2023 9:58:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/11/2022 12:54:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/11/2022 12:54:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/11/2022 12:54:00 PM	2,4-D	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/11/2022 12:54:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/11/2022 12:54:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/11/2022 12:54:00 PM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/11/2022 12:54:00 PM	Bentazon	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/11/2022 12:54:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/11/2022 12:54:00 PM	DCPA (Dacthal)	n/a	=	0.53	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/11/2022 12:54:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/11/2022 12:54:00 PM	Dichlorprop	n/a	<	0.3	µg/L	EPA 515.4	0.3	0.3	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/11/2022 12:54:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Fensulfthion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/6/2022 4:08:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Malathion	n/a	DNQ	0.0028	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	Metribuzin	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/5/2023 1:26:00 AM	Pentachlorophenol	n/a	=	1.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	1/9/2023 4:09:00 PM	Pentachlorophenol	n/a	=	1.6	µg/L	EPA 8270C	0.15	1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/11/2022 12:54:00 PM	Pentachlorophenol	n/a	=	1	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/11/2022 12:54:00 PM	Picloram	n/a	<	0.2	µg/L	EPA 515.4	0.2	0.6	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 9:15:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/28/2022 3:51:00 AM	Toxaphene	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/13/2022 6:31:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	
MO-MPK	2022/23-2	Wet	12/2/2022 9:15:00 AM	12/17/2022 8:03:00 AM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WCLA	
MO-MPK	2022/23-4	Wet	2/24/2023 9:00:00 AM	2/25/2023 12:20:00 PM	E. Coli	n/a	=	9208	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-MPK	2022/23-4	Wet	2/24/2023 9:00:00 AM	2/25/2023 12:20:00 PM	Total Coliform	n/a	=	129970	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MPK	2022/23-4	Wet	2/24/2023 9:00:00 AM	2/24/2023 9:00:00 AM	Conductivity	n/a	=	111.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2022/23-4	Wet	2/24/2023 9:00:00 AM	3/10/2023 4:14:00 PM	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-MPK	2022/23-4	Wet	2/24/2023 9:00:00 AM	2/24/2023 9:00:00 AM	DO	n/a	=	96.5	%	Field Meter	-88	0.1	Field Crew	
MO-MPK	2022/23-4	Wet	2/24/2023 9:00:00 AM	2/24/2023 9:00:00 AM	DO	n/a	=	11.26	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MPK	2022/23-4	Wet	2/24/2023 9:00:00 AM	2/24/2023 9:00:00 AM	pH	n/a	=	7.71	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MPK	2022/23-4	Wet	2/24/2023 9:00:00 AM	2/24/2023 9:00:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-MPK	2022/23-4	Wet	2/24/2023 9:00:00 AM	2/24/2023 9:00:00 AM	Specific Conductance	n/a	=	157.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2022/23-4	Wet	2/24/2023 9:00:00 AM	2/24/2023 9:00:00 AM	Temperature	n/a	=	9.6	°C	Field Meter	-88	0.1	Field Crew	
MO-MPK	2022/23-4	Wet	2/24/2023 9:00:00 AM	3/1/2023 1:07:00 PM	Gasoline Range Organics	n/a	DNQ	0.088	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/24/2023 9:00:00 AM	3/21/2023 4:56:00 PM	Oil and Grease	n/a	DNQ	0.9	mg/L	EPA 1664B	0.7	4.6	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/7/2023 2:33:00 AM	Chloride	n/a	=	7.5	mg/L	EPA 300.0	0.38	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/7/2023 2:33:00 AM	Fluoride	n/a	DNQ	0.076	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/8/2023 12:48:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 5:46:00 PM	Calcium	Total	=	19.7	mg/L	EPA 200.7	0.0736	0.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 5:46:00 PM	Magnesium	Total	=	6.11	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/2/2023 2:57:00 PM	Alkalinity as CaCO3	n/a	=	36	mg/L	SM 2320 B	1.9	5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/3/2023 1:39:00 PM	BOD	n/a	=	3.3	mg/L	SM 5210 B	2	2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 10:29:00 AM	COD	n/a	=	40	mg/L	EPA 410.4	2.9	5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 5:46:00 PM	Hardness as CaCO3	Total	=	74.4	mg/L	EPA 200.7	0.344	3.31	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	2/26/2023 3:44:00 PM	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/15/2023 4:01:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/8/2023 12:47:00 PM	Specific Conductance	n/a	=	150	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/2/2023 12:22:00 PM	Total Dissolved Solids	n/a	=	100	mg/L	SM 2540 C	4	10	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/2/2023 4:47:00 AM	Total Organic Carbon	n/a	=	3.7	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/2/2023 5:22:00 PM	Total Suspended Solids	n/a	=	560	mg/L	SM 2540 D	-88	5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	2/26/2023 5:06:00 PM	Turbidity	n/a	=	360	NTU	EPA 180.1	0.42	2.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/2/2023 5:22:00 PM	Volatile Suspended Solids	n/a	=	61	mg/L	EPA 160.4	3.1	5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 5:25:00 PM	Diesel Range Organics	n/a	=	0.22	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 5:25:00 PM	Oil Range Organics	n/a	DNQ	0.29	mg/L	EPA 8015B	0.22	0.5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:20:00 PM	Aluminum	Dissolved	=	31	µg/L	EPA 200.8	4.4	20	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 4:50:00 PM	Aluminum	Total	=	11000	µg/L	EPA 200.8	22	100	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:20:00 PM	Antimony	Dissolved	DNQ	0.43	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:23:00 PM	Antimony	Total	=	0.66	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:20:00 PM	Arsenic	Dissolved	=	2.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:23:00 PM	Arsenic	Total	=	5.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:23:00 PM	Barium	Total	=	140	µg/L	EPA 200.8	0.14	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:20:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:23:00 PM	Beryllium	Total	=	0.4	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 4:20:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:23:00 PM	Cadmium	Total	=	0.7	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:20:00 PM	Chromium	Dissolved	=	0.44	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:23:00 PM	Chromium	Total	=	19	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/10/2023 7:08:00 PM	Chromium VI	n/a	=	0.45	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:20:00 PM	Copper	Dissolved	=	3.2	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:23:00 PM	Copper	Total	=	21	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:20:00 PM	Iron	Dissolved	=	37	µg/L	EPA 200.8	3.9	20	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 4:50:00 PM	Iron	Total	=	14000	µg/L	EPA 200.8	20	100	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:20:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:23:00 PM	Lead	Total	=	8.4	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/10/2023 11:56:00 AM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/10/2023 11:58:00 AM	Mercury	Total	=	65	ng/L	EPA 245.1	37	50	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:20:00 PM	Nickel	Dissolved	DNQ	0.9	µg/L	EPA 200.8	0.16	2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:23:00 PM	Nickel	Total	=	17	µg/L	EPA 200.8	0.4	2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:20:00 PM	Selenium	Dissolved	DNQ	0.3	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:23:00 PM	Selenium	Total	=	0.51	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:20:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:23:00 PM	Silver	Total	DNQ	0.084	µg/L	EPA 200.8	0.055	0.2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:20:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:23:00 PM	Thallium	Total	DNQ	0.17	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:20:00 PM	Zinc	Dissolved	DNQ	2.8	µg/L	EPA 200.8	0.8	10	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 7:23:00 PM	Zinc	Total	=	78	µg/L	EPA 200.8	1.7	10	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 1:05:00 PM	Ammonia as N	n/a	=	0.2	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/8/2023 3:54:00 PM	Nitrate + Nitrite as N	n/a	=	1.7	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 5:43:00 PM	Phosphorus as P	Dissolved	=	0.21	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/13/2023 5:46:00 PM	Phosphorus as P	Total	=	0.96	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/21/2023 5:50:00 PM	TKN	n/a	=	1.9	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/31/2023 3:29:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	LB-LCSR
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 4:57:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 4:57:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 4:57:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 4:57:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	2/25/2023 7:55:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 4:57:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 4:57:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/31/2023 3:29:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	LB-LCSR
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 4:57:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 4:57:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 4:57:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 4:57:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 4:57:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 4:57:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/31/2023 3:29:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/31/2023 3:29:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/31/2023 3:29:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/31/2023 3:29:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Benzdine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/31/2023 3:29:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/31/2023 3:29:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/31/2023 3:29:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/31/2023 3:29:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/31/2023 3:29:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/31/2023 3:29:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/31/2023 3:29:00 AM	Fluoranthene	n/a	DNQ	0.052	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/31/2023 3:29:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/31/2023 3:29:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/31/2023 3:29:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/31/2023 3:29:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 4:57:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/31/2023 3:29:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	PCB Aroclor 1016	n/a	<	0.14	µg/L	EPA 608.3	0.14	2.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	PCB Aroclor 1232	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	PCB Aroclor 1242	n/a	<	0.48	µg/L	EPA 608.3	0.48	2.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	PCB Aroclor 1248	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	2.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	PCB Aroclor 1260	n/a	<	0.28	µg/L	EPA 608.3	0.28	2.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 5:31:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 5:31:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 5:31:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 5:31:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 5:31:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 5:31:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 5:31:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 5:31:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 5:31:00 AM	DCPA (Dacthal)	n/a	DNQ	0.068	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 5:31:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 5:31:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 5:31:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	LB-LCSR
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Fensulfathion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/4/2023 4:02:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 4:57:00 AM	Pentachlorophenol	n/a	=	2.2	µg/L	EPA 8270C	0.15	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	4/1/2023 6:45:00 PM	Pentachlorophenol	n/a	=	1.8	µg/L	EPA 625.1	0.4	1	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 5:31:00 AM	Pentachlorophenol	n/a	=	2.1	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 5:31:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/16/2023 2:12:00 PM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/11/2023 12:49:00 AM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
MO-MPK	2022/23-4	Wet	2/25/2023 7:55:00 AM	3/14/2023 7:19:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 8:40:00 AM	5/17/2023 4:10:00 PM	E. Coli	n/a	=	1789	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-MPK	2022/23-6	Dry	5/16/2023 8:40:00 AM	5/17/2023 4:10:00 PM	Total Coliform	n/a	=	31300	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-MPK	2022/23-6	Dry	5/16/2023 8:40:00 AM	5/16/2023 8:40:00 AM	Conductivity	n/a	=	1806	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2022/23-6	Dry	5/16/2023 8:40:00 AM	5/23/2023 3:58:00 PM	Cyanide	Total	DNQ	0.0019	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 8:40:00 AM	5/16/2023 8:40:00 AM	DO	n/a	=	101.5	%	Field Meter	-88	0.1	Field Crew	
MO-MPK	2022/23-6	Dry	5/16/2023 8:40:00 AM	5/16/2023 8:40:00 AM	DO	n/a	=	9.4	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MPK	2022/23-6	Dry	5/16/2023 8:40:00 AM	5/16/2023 8:40:00 AM	pH	n/a	=	8.44	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MPK	2022/23-6	Dry	5/16/2023 8:40:00 AM	5/16/2023 8:40:00 AM	Salinity	n/a	=	1000	mg/L	Field Meter	-88	100	Field Crew	
MO-MPK	2022/23-6	Dry	5/16/2023 8:40:00 AM	5/16/2023 8:40:00 AM	Specific Conductance	n/a	=	2041	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2022/23-6	Dry	5/16/2023 8:40:00 AM	5/16/2023 8:40:00 AM	Temperature	n/a	=	18.9	°C	Field Meter	-88	0.1	Field Crew	
MO-MPK	2022/23-6	Dry	5/16/2023 8:40:00 AM	5/17/2023 2:07:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 8:40:00 AM	5/18/2023 3:01:00 PM	Oil and Grease	n/a	DNQ	1.4	mg/L	EPA 1664B	0.6	4	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/20/2023 10:43:00 PM	Chloride	n/a	=	350	mg/L	EPA 300.0	0.95	2.5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/20/2023 1:24:00 PM	Fluoride	n/a	=	1	mg/L	EPA 300.0	0.009	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/24/2023 4:14:00 AM	Perchlorate	n/a	<	0.39	µg/L	EPA 314.0	0.39	2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/25/2023 8:14:00 PM	Calcium	Total	=	85.6	mg/L	EPA 200.7	0.0736	0.5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/25/2023 8:14:00 PM	Magnesium	Total	=	36.2	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/22/2023 7:28:00 PM	Alkalinity as CaCO3	n/a	=	220	mg/L	SM 2320 B	1.9	5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/22/2023 5:37:00 PM	BOD	n/a	=	2.8	mg/L	SM 5210 B	2	2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 2:03:00 PM	COD	n/a	=	70	mg/L	SM 410.4	2.9	5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/25/2023 8:14:00 PM	Hardness as CaCO3	Total	=	363	mg/L	EPA 200.7	0.344	3.31	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/17/2023 5:39:00 PM	MBAS	n/a	=	0.086	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/24/2023 2:26:00 PM	Phenolics	n/a	DNQ	0.0089	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/6/2023 4:41:00 PM	Specific Conductance	n/a	=	2100	µmhos/cm	SM 2510 B	3.2	6	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/18/2023 11:51:00 AM	Total Dissolved Solids	n/a	=	1300	mg/L	SM 2540 C	4	10	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/30/2023 4:58:00 PM	Total Organic Carbon	n/a	=	19	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/18/2023 4:06:00 PM	Total Suspended Solids	n/a	DNQ	2	mg/L	SM 2540 D	-88	5	WKL	UL-MB
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/17/2023 6:57:00 PM	Turbidity	n/a	=	1.1	NTU	EPA 180.1	0.017	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/18/2023 4:06:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:23:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:26:00 PM	Aluminum	Total	DNQ	15	µg/L	EPA 200.8	4.4	20	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:23:00 PM	Antimony	Dissolved	=	0.97	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:26:00 PM	Antimony	Total	=	0.96	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:23:00 PM	Arsenic	Dissolved	=	3.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:26:00 PM	Arsenic	Total	=	3.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:26:00 PM	Barium	Total	=	120	µg/L	EPA 200.8	0.14	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:23:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:26:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:23:00 PM	Cadmium	Dissolved	DNQ	0.094	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:26:00 PM	Cadmium	Total	DNQ	0.12	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:23:00 PM	Chromium	Dissolved	=	0.78	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:26:00 PM	Chromium	Total	=	0.78	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/25/2023 12:26:00 PM	Chromium VI	n/a	=	0.44	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:23:00 PM	Copper	Dissolved	=	8.6	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:26:00 PM	Copper	Total	=	8.6	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:23:00 PM	Iron	Dissolved	DNQ	10	µg/L	EPA 200.8	3.9	20	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:26:00 PM	Iron	Total	=	26	µg/L	EPA 200.8	3.9	20	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:23:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:26:00 PM	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/24/2023 1:11:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/24/2023 1:13:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:23:00 PM	Nickel	Dissolved	=	5.2	µg/L	EPA 200.8	0.16	2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:26:00 PM	Nickel	Total	=	5.1	µg/L	EPA 200.8	0.4	2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:23:00 PM	Selenium	Dissolved	=	0.53	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:26:00 PM	Selenium	Total	=	0.57	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:23:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:26:00 PM	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:23:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:26:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:23:00 PM	Zinc	Dissolved	DNQ	2.7	µg/L	EPA 200.8	1.7	10	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 12:26:00 PM	Zinc	Total	DNQ	2.6	µg/L	EPA 200.8	1.7	10	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/24/2023 3:48:00 PM	Ammonia as N	n/a	DNQ	0.046	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/17/2023 5:18:00 PM	Nitrate + Nitrite as N	n/a	DNQ	0.058	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/25/2023 7:57:00 PM	Phosphorus as P	Dissolved	=	0.064	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/25/2023 8:14:00 PM	Phosphorus as P	Total	=	0.083	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/6/2023 6:02:00 PM	TKN	n/a	=	1.6	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 3:57:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 8:45:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 8:45:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 8:45:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 8:45:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	2,4-Dinitrophenol	n/a	<	4.4	µg/L	EPA 625.1	4.4	10	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 8:45:00 AM	2,4-Dinitrophenol	n/a	DNQ	1	µg/L	EPA 8270C	1	2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 8:45:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 3:57:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 8:45:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	2-Nitrophenol	n/a	DNQ	0.31	µg/L	EPA 625.1	0.26	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 8:45:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 8:45:00 AM	3-4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 8:45:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 8:45:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 8:45:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 3:57:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 3:57:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 3:57:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 3:57:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Benz(a)anthracene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Benzenzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 3:57:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	Benzo(a)pyrene	n/a	<	0.045	µg/L	EPA 525.2	0.045	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Benzo(a)pyrene	n/a	<	0.82	µg/L	EPA 625.1	0.82	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 3:57:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 3:57:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Benzo(k)fluoranthene	n/a	<	0.72	µg/L	EPA 625.1	0.72	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 3:57:00 AM	Benzo(k)fluoranthene	n/a	<	0.059	µg/L	EPA 8270C	0.059	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	LB-LCSR

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.38	µg/L	EPA 525.2	0.38	5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	2.6	µg/L	EPA 625.1	2.3	5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 3:57:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Dibenz(a,h)anthracene	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 3:57:00 AM	Dibenz(a,h)anthracene	n/a	<	0.081	µg/L	EPA 8270C	0.081	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 3:57:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 3:57:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.66	µg/L	EPA 625.1	0.66	2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 3:57:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 3:57:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 3:57:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Phenol	n/a	<	0.17	µg/L	EPA 625.1	0.17	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 8:45:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 3:57:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 5:28:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 5:28:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 5:28:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 5:28:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 5:28:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 5:28:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	Alachlor	n/a	<	0.063	µg/L	EPA 525.2	0.063	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	alpha-BHC	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	Atrazine	n/a	<	0.042	µg/L	EPA 525.2	0.042	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 5:28:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	Bromacil	n/a	<	0.24	µg/L	EPA 525.2	0.24	0.5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	Butachlor	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 5:28:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:08:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	LB-LCSR
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	LB-LCSR
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 5:28:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 5:28:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	Dimethoate	n/a	<	0.041	µg/L	EPA 525.2	0.041	0.2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 5:28:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	LB-LCSR
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	Disulfoton	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	Endosulfan sulfate	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.25	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	LB-LCSR
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Fensulfothion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	LB-LCSR
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/30/2023 9:01:00 PM	Glyphosate	n/a	=	5.3	µg/L	EPA 547	1.8	5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Malathion	n/a	DNQ	0.0023	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/12/2023 3:23:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/26/2023 9:50:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 5:28:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 5:28:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Ronnel (Fenclorophos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	Simazine	n/a	<	0.058	µg/L	EPA 525.2	0.058	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	LB-LCSR
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	Thiobencarb	n/a	<	0.069	µg/L	EPA 525.2	0.069	0.1	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/8/2023 1:08:00 AM	Toxaphene	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	5/27/2023 1:54:00 AM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
MO-MPK	2022/23-6	Dry	5/16/2023 9:50:00 AM	6/5/2023 10:30:00 PM	Trithion	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.1	WKL	
MO-MPK	2023-DRY	Dry	8/29/2023 9:20:00 AM	8/30/2023 3:46:00 PM	E. Coli	n/a	=	4611	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-MPK	2023-DRY	Dry	8/29/2023 9:20:00 AM	8/30/2023 3:46:00 PM	Total Coliform	n/a	=	307600	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-MPK	2023-DRY	Dry	8/29/2023 9:20:00 AM	9/14/2023 8:28:00 PM	Calcium	Total	=	79.6	mg/L	EPA 200.7	0.0736	0.5	WKL	
MO-MPK	2023-DRY	Dry	8/29/2023 9:20:00 AM	9/14/2023 8:28:00 PM	Magnesium	Total	=	24	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-MPK	2023-DRY	Dry	8/29/2023 9:20:00 AM	8/29/2023 9:20:00 AM	Conductivity	n/a	=	1438	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2023-DRY	Dry	8/29/2023 9:20:00 AM	8/29/2023 9:20:00 AM	Discharge	n/a	=	0.03	cfs	Field Estimate	-88	-88	Field Crew	Est
MO-MPK	2023-DRY	Dry	8/29/2023 9:20:00 AM	8/29/2023 9:20:00 AM	DO	n/a	=	67.1	%	Field Meter	-88	0.1	Field Crew	
MO-MPK	2023-DRY	Dry	8/29/2023 9:20:00 AM	8/29/2023 9:20:00 AM	DO	n/a	=	6.04	mg/L	Field Meter	-88	0.3	Field Crew	
MO-MPK	2023-DRY	Dry	8/29/2023 9:20:00 AM	9/14/2023 8:28:00 PM	Hardness as CaCO3	Total	=	297	mg/L	EPA 200.7	0.344	3.31	WKL	
MO-MPK	2023-DRY	Dry	8/29/2023 9:20:00 AM	8/29/2023 9:20:00 AM	pH	n/a	=	8.59	pH Units	Field Meter	-88	0.01	Field Crew	
MO-MPK	2023-DRY	Dry	8/29/2023 9:20:00 AM	8/29/2023 9:20:00 AM	Salinity	n/a	=	800	mg/L	Field Meter	-88	100	Field Crew	
MO-MPK	2023-DRY	Dry	8/29/2023 9:20:00 AM	8/29/2023 9:20:00 AM	Specific Conductance	n/a	=	1593	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-MPK	2023-DRY	Dry	8/29/2023 9:20:00 AM	8/29/2023 9:20:00 AM	Temperature	n/a	=	19.9	°C	Field Meter	-88	0.1	Field Crew	
MO-MPK	2023-DRY	Dry	8/29/2023 9:20:00 AM	9/17/2023 1:54:00 PM	Total Organic Carbon	n/a	=	13	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-MPK	2023-DRY	Dry	8/29/2023 9:20:00 AM	8/29/2023 9:20:00 AM	Turbidity	n/a	=	4.14	NTU	Field Meter	-88	0.01	Field Crew	
MO-MPK	2023-DRY	Dry	8/29/2023 9:20:00 AM	9/13/2023 5:50:00 PM	Copper	Dissolved	=	5.5	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-MPK	2023-DRY	Dry	8/29/2023 9:20:00 AM	9/13/2023 5:50:00 PM	Lead	Dissolved	DNQ	0.2	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-MPK	2023-DRY	Dry	8/29/2023 9:20:00 AM	9/13/2023 5:50:00 PM	Zinc	Dissolved	=	17	µg/L	EPA 200.8	1.7	10	WKL	
MO-OJA	2022/23-1	Wet	11/8/2022 1:25:00 PM	11/9/2022 4:00:00 PM	E. Coli	n/a	=	41060	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-OJA	2022/23-1	Wet	11/8/2022 1:25:00 PM	11/9/2022 4:00:00 PM	Total Coliform	n/a	=	410600	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-OJA	2022/23-1	Wet	11/8/2022 1:25:00 PM	11/8/2022 1:25:00 PM	Conductivity	n/a	=	56.8	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-OJA	2022/23-1	Wet	11/8/2022 1:25:00 PM	11/18/2022 4:30:00 PM	Cyanide	Total	=	0.0041	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-OJA	2022/23-1	Wet	11/8/2022 1:25:00 PM	11/8/2022 1:25:00 PM	DO	n/a	=	9.68	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OJA	2022/23-1	Wet	11/8/2022 1:25:00 PM	11/8/2022 1:25:00 PM	DO	n/a	=	94.7	%	Field Meter	-88	0.1	Field Crew	
MO-OJA	2022/23-1	Wet	11/8/2022 1:25:00 PM	11/8/2022 1:25:00 PM	pH	n/a	=	7.93	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OJA	2022/23-1	Wet	11/8/2022 1:25:00 PM	11/8/2022 1:25:00 PM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-OJA	2022/23-1	Wet	11/8/2022 1:25:00 PM	11/8/2022 1:25:00 PM	Specific Conductance	n/a	=	71.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2022/23-1	Wet	11/8/2022 1:25:00 PM	11/8/2022 1:25:00 PM	Temperature	n/a	=	14.4	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2022/23-1	Wet	11/8/2022 1:25:00 PM	11/17/2022 2:31:00 PM	Gasoline Range Organics	n/a	DNQ	0.074	mg/L	EPA 8260B	0.065	0.1	WKL	UL-MB, IPND
MO-OJA	2022/23-1	Wet	11/8/2022 1:25:00 PM	11/30/2022 12:46:00 PM	Oil and Grease	n/a	=	6.1	mg/L	EPA 1664B	0.6	4	WKL	
MO-OJA	2022/23-1	Wet	11/8/2022 1:25:00 PM	11/12/2022 10:26:00 AM	2-Chloroethyl vinyl ether	n/a	<	0.38	µg/L	EPA 624.1	0.38	2	WKL	DG
MO-OJA	2022/23-1	Wet	11/8/2022 1:25:00 PM	11/12/2022 10:26:00 AM	Methyl tert-butyl ether (MTBE)	n/a	<	0.8	µg/L	EPA 624.1	0.8	2	WKL	DG
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/12/2022 1:29:00 AM	Chloride	n/a	=	4.9	mg/L	EPA 300.0	0.38	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/12/2022 1:29:00 AM	Fluoride	n/a	DNQ	0.072	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/11/2022 8:38:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 6:38:00 PM	Calcium	Total	=	16.3	mg/L	EPA 200.7	0.0468	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 6:38:00 PM	Magnesium	Total	=	6.12	mg/L	EPA 200.7	0.078	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/12/2022 9:41:00 AM	Alkalinity as CaCO3	n/a	=	31	mg/L	SM 2320 B	1.9	5	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 11:42:00 AM	BOD	n/a	=	26	mg/L	SM 5210 B	2	2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/23/2022 4:34:00 PM	COD	n/a	=	220	mg/L	EPA 410.4	2.9	5	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 6:38:00 PM	Hardness as CaCO3	Total	=	65.9	mg/L	EPA 200.7	0.438	6.62	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/10/2022 3:03:00 PM	MBAS	n/a	=	0.078	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/22/2022 11:40:00 AM	Phenolics	n/a	=	0.019	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/23/2022 11:00:00 AM	Specific Conductance	n/a	=	100	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/10/2022 3:28:00 PM	Total Chlorine Residual	n/a	=	0.089	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 12:02:00 PM	Total Dissolved Solids	n/a	=	96	mg/L	SM 2540 C	4	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 4:15:00 PM	Total Organic Carbon	n/a	=	14	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 2:03:00 PM	Total Suspended Solids	n/a	=	700	mg/L	SM 2540 D	-88	5	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/10/2022 3:30:00 PM	Turbidity	n/a	=	250	NTU	EPA 180.1	0.17	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 2:03:00 PM	Volatile Suspended Solids	n/a	=	150	mg/L	EPA 160.4	3.1	5	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/1/2022 7:03:00 AM	Diesel Range Organics	n/a	<	0.36	mg/L	EPA 8015B	0.36	0.5	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/1/2022 7:03:00 AM	Oil Range Organics	n/a	<	1.1	mg/L	EPA 8015B	1.1	2.5	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:19:00 PM	Aluminum	Dissolved	=	45	µg/L	EPA 200.8	4.4	20	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:22:00 PM	Aluminum	Total	=	6300	µg/L	EPA 200.8	4.4	20	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:19:00 PM	Antimony	Dissolved	DNQ	0.28	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:22:00 PM	Antimony	Total	=	0.63	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:19:00 PM	Arsenic	Dissolved	=	0.99	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:22:00 PM	Arsenic	Total	=	2.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:22:00 PM	Barium	Total	=	93	µg/L	EPA 200.8	0.14	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:19:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:22:00 PM	Beryllium	Total	=	0.24	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:19:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:22:00 PM	Cadmium	Total	=	0.28	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:19:00 PM	Chromium	Dissolved	=	0.51	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:22:00 PM	Chromium	Total	=	9.2	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/14/2022 6:45:00 PM	Chromium VI	n/a	=	0.3	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:19:00 PM	Copper	Dissolved	=	7.2	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:22:00 PM	Copper	Total	=	23	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:19:00 PM	Iron	Dissolved	=	70	µg/L	EPA 200.8	3.9	20	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:22:00 PM	Iron	Total	=	7900	µg/L	EPA 200.8	3.9	20	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:19:00 PM	Lead	Dissolved	=	0.83	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:22:00 PM	Lead	Total	=	17	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/17/2022 1:48:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/17/2022 1:50:00 PM	Mercury	Total	DNQ	49	ng/L	EPA 245.1	37	50	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:19:00 PM	Nickel	Dissolved	DNQ	1.3	µg/L	EPA 200.8	0.16	2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:22:00 PM	Nickel	Total	=	11	µg/L	EPA 200.8	0.16	2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:19:00 PM	Selenium	Dissolved	DNQ	0.091	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:22:00 PM	Selenium	Total	DNQ	0.14	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:19:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:22:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:19:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:22:00 PM	Thallium	Total	DNQ	0.073	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:19:00 PM	Zinc	Dissolved	=	11	µg/L	EPA 200.8	0.8	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 4:22:00 PM	Zinc	Total	=	120	µg/L	EPA 200.8	1.7	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/17/2022 4:23:00 PM	Ammonia as N	n/a	=	0.17	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/10/2022 3:26:00 PM	Nitrate + Nitrite as N	n/a	=	0.39	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/10/2022 3:26:00 PM	Nitrate as N	n/a	=	0.37	mg/L	EPA 353.2	0.04	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 6:35:00 PM	Phosphorus as P	Dissolved	=	0.28	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/15/2022 6:38:00 PM	Phosphorus as P	Total	=	0.93	mg/L	EPA 200.7	0.036	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/6/2022 4:22:00 PM	TKN	n/a	=	4.1	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/3/2022 6:38:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/10/2022 2:41:00 PM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 PM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/10/2022 2:41:00 PM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/10/2022 2:41:00 PM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	2,4-Dimethylphenol	n/a	<	7.6	µg/L	EPA 625.1	7.6	10	WKL	-LCSRPD, LB-L
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/10/2022 2:41:00 PM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	LB-LCSR
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/10/2022 2:41:00 PM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	2,4-Dinitrotoluene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/10/2022 2:41:00 PM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/3/2022 6:38:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/10/2022 2:41:00 PM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/10/2022 2:41:00 PM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	3,3'-Dichlorobenzidine	n/a	<	25	µg/L	EPA 625.1	25	50	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/10/2022 2:41:00 PM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/10/2022 2:41:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	5	µg/L	EPA 625.1	5	50	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/10/2022 2:41:00 PM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/10/2022 2:41:00 PM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/3/2022 6:38:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Acenaphthylene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/3/2022 6:38:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Anthracene	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/3/2022 6:38:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/3/2022 6:38:00 AM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Benzdine	n/a	<	32	µg/L	EPA 625.1	32	100	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/3/2022 6:38:00 AM	Benzo(a)pyrene	n/a	DNQ	0.52	µg/L	EPA 8270C	0.51	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/3/2022 6:38:00 AM	Benzo(b)fluoranthene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/3/2022 6:38:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/3/2022 6:38:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.32	µg/L	EPA 8270C	0.26	1	WKL	ANI
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	4.2	µg/L	EPA 525.2	4.2	50	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	51	µg/L	EPA 625.1	23	50	WKL	LCSRPD, HB-L
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Butyl benzyl phthalate	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/3/2022 6:38:00 AM	Chrysene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/3/2022 6:38:00 AM	Dibenz(a,h)anthracene	n/a	<	0.36	µg/L	EPA 8270C	0.36	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Dibenz(a,h)anthracene	n/a	<	1.5	µg/L	EPA 625.1	1.5	20	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Diethyl phthalate	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Di-n-butylphthalate	n/a	<	3.4	µg/L	EPA 625.1	3.4	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/3/2022 6:38:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Fluoranthene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/3/2022 6:38:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	Hexachlorocyclopentadiene	n/a	<	0.92	µg/L	EPA 525.2	0.92	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Hexachlorocyclopentadiene	n/a	<	3.1	µg/L	EPA 625.1	3.1	50	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	20	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/3/2022 6:38:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/3/2022 6:38:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/3/2022 6:38:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Phenol	n/a	<	8.1	µg/L	EPA 625.1	8.1	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/10/2022 2:41:00 PM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/3/2022 6:38:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	PCB Aroclor 1016	n/a	<	2	µg/L	EPA 608.3	2	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	PCB Aroclor 1221	n/a	<	2	µg/L	EPA 608.3	2	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	PCB Aroclor 1232	n/a	<	2	µg/L	EPA 608.3	2	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	PCB Aroclor 1242	n/a	<	2	µg/L	EPA 608.3	2	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	PCB Aroclor 1248	n/a	<	2	µg/L	EPA 608.3	2	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	PCB Aroclor 1254	n/a	<	2	µg/L	EPA 608.3	2	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	PCB Aroclor 1260	n/a	<	2	µg/L	EPA 608.3	2	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/4/2022 12:07:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/4/2022 12:07:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/4/2022 12:07:00 PM	2,4-D	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/4/2022 12:07:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/4/2022 12:07:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	4,4'-DDD	n/a	<	0.054	µg/L	EPA 608.3	0.054	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	4,4'-DDE	n/a	<	0.036	µg/L	EPA 608.3	0.036	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	4,4'-DDT	n/a	<	0.056	µg/L	EPA 608.3	0.056	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/4/2022 12:07:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	Aldrin	n/a	<	0.02	µg/L	EPA 608.3	0.02	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	alpha-BHC	n/a	<	0.022	µg/L	EPA 608.3	0.022	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	alpha-Chlordane	n/a	<	0.058	µg/L	EPA 608.3	0.058	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	Atrazine	n/a	<	0.11	µg/L	EPA 525.2	0.11	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Azinphos methyl	n/a	<	0.053	µg/L	EPA 625.1m	0.053	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/4/2022 12:07:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	beta-BHC	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Bolstar	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	Bromacil	n/a	<	0.7	µg/L	EPA 525.2	0.7	5	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	Chlordane (technical)	n/a	<	0.86	µg/L	EPA 608.3	0.86	2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Chlorpyrifos	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Coumaphos	n/a	<	0.055	µg/L	EPA 625.1m	0.055	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/4/2022 12:07:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/4/2022 12:07:00 PM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	delta-BHC	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Demeton-O	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Demeton-S	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	Diazinon	n/a	<	0.22	µg/L	EPA 525.2	0.22	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Diazinon	n/a	<	0.01	µg/L	EPA 625.1m	0.01	0.1	WKL	LB-LCSR
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/4/2022 12:07:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/4/2022 12:07:00 PM	Dichlorprop	n/a	<	0.3	µg/L	EPA 515.4	0.3	0.3	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Dichlorvos	n/a	<	0.0093	µg/L	EPA 625.1m	0.0093	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	Dieldrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Dimethoate	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/4/2022 12:07:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	Disulfoton	n/a	<	0.15	µg/L	EPA 525.2	0.15	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Disulfoton	n/a	<	0.017	µg/L	EPA 625.1m	0.017	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	Endosulfan I	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.4	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	Endosulfan II	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	Endosulfan sulfate	n/a	<	0.026	µg/L	EPA 608.3	0.026	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	Endrin	n/a	<	0.034	µg/L	EPA 608.3	0.034	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	Endrin aldehyde	n/a	<	0.038	µg/L	EPA 608.3	0.038	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Ethoprop	n/a	<	0.0065	µg/L	EPA 625.1m	0.0065	0.1	WKL	LB-LCSR
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Ethyl parathion	n/a	<	0.022	µg/L	EPA 625.1m	0.022	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Fensulfothion	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Fenthion	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	gamma-BHC (Lindane)	n/a	<	0.03	µg/L	EPA 608.3	0.03	0.4	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	gamma-Chlordane	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/21/2022 11:32:00 PM	Glyphosate	n/a	=	5	µg/L	EPA 547	1.8	5	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	Heptachlor	n/a	<	0.046	µg/L	EPA 608.3	0.046	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	Heptachlor epoxide	n/a	<	0.036	µg/L	EPA 608.3	0.036	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Malathion	n/a	DNQ	0.028	µg/L	EPA 625.1m	0.021	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Merphos	n/a	<	0.055	µg/L	EPA 625.1m	0.055	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Mevinphos	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Naled	n/a	=	0.0074	µg/L	EPA 625.1m	0.0074	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/4/2022 12:07:00 PM	Pentachlorophenol	n/a	=	0.64	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/13/2022 2:41:00 AM	Pentachlorophenol	n/a	DNQ	4.7	µg/L	EPA 625.1	4	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/10/2022 2:41:00 PM	Pentachlorophenol	n/a	DNQ	5.8	µg/L	EPA 8270C	1.5	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Phorate	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	12/4/2022 12:07:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.024	µg/L	EPA 625.1m	0.024	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Tokuthion	n/a	<	0.022	µg/L	EPA 625.1m	0.022	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/30/2022 1:00:00 AM	Toxaphene	n/a	<	1.7	µg/L	EPA 608.3	1.7	10	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/18/2022 11:22:00 PM	Trichloronate	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.1	WKL	
MO-OJA	2022/23-1	Wet	11/9/2022 9:15:00 AM	11/16/2022 7:51:00 PM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-OJA	2022/23-2	Wet	12/2/2022 4:40:00 AM	12/3/2022 9:10:00 AM	E. Coli	n/a	=	9606	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OJA	2022/23-2	Wet	12/2/2022 4:40:00 AM	12/3/2022 9:10:00 AM	Total Coliform	n/a	=	10112	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OJA	2022/23-2	Wet	12/2/2022 4:40:00 AM	12/2/2022 4:40:00 AM	Conductivity	n/a	=	61.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2022/23-2	Wet	12/2/2022 4:40:00 AM	12/12/2022 6:22:00 PM	Cyanide	Total	=	0.0035	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-OJA	2022/23-2	Wet	12/2/2022 4:40:00 AM	12/2/2022 4:40:00 AM	DO	n/a	=	9.42	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OJA	2022/23-2	Wet	12/2/2022 4:40:00 AM	12/2/2022 4:40:00 AM	DO	n/a	=	88.7	%	Field Meter	-88	0.1	Field Crew	
MO-OJA	2022/23-2	Wet	12/2/2022 4:40:00 AM	12/2/2022 4:40:00 AM	pH	n/a	=	7.14	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OJA	2022/23-2	Wet	12/2/2022 4:40:00 AM	12/2/2022 4:40:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-OJA	2022/23-2	Wet	12/2/2022 4:40:00 AM	12/2/2022 4:40:00 AM	Specific Conductance	n/a	=	81.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2022/23-2	Wet	12/2/2022 4:40:00 AM	12/2/2022 4:40:00 AM	Temperature	n/a	=	11.9	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2022/23-2	Wet	12/2/2022 4:40:00 AM	12/12/2022 4:40:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-OJA	2022/23-2	Wet	12/2/2022 4:40:00 AM	12/12/2022 3:21:00 PM	Oil and Grease	n/a	DNQ	1.9	mg/L	EPA 1664B	0.7	4.5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/15/2022 12:51:00 AM	Chloride	n/a	=	1.9	mg/L	EPA 300.0	0.38	1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/15/2022 12:51:00 AM	Fluoride	n/a	DNQ	0.058	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/10/2022 11:02:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/9/2022 7:28:00 PM	Calcium	Total	=	7.93	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/9/2022 7:28:00 PM	Magnesium	Total	=	1.8	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/8/2022 6:45:00 PM	Alkalinity as CaCO3	n/a	=	24	mg/L	SM 2320 B	1.9	5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/9/2022 10:32:00 AM	BOD	n/a	=	7.6	mg/L	SM 5210 B	2	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/9/2022 3:20:00 PM	COD	n/a	=	53	mg/L	EPA 410.4	2.9	5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/9/2022 7:28:00 PM	Hardness as CaCO3	Total	=	27.2	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/4/2022 10:03:00 AM	MBAS	n/a	=	0.097	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/14/2022 12:14:00 PM	Phenolics	n/a	DNQ	0.007	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/14/2022 11:40:00 AM	Specific Conductance	n/a	=	65	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/4/2022 10:41:00 AM	Total Chlorine Residual	n/a	DNQ	0.043	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/8/2022 2:49:00 PM	Total Dissolved Solids	n/a	=	57	mg/L	SM 2540 C	4	10	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/8/2022 6:59:00 AM	Total Organic Carbon	n/a	=	9.8	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/6/2022 5:10:00 PM	Total Suspended Solids	n/a	=	140	mg/L	SM 2540 D	-88	5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/3/2022 2:31:00 PM	Turbidity	n/a	=	36	NTU	EPA 180.1	0.17	1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/6/2022 5:10:00 PM	Volatile Suspended Solids	n/a	=	38	mg/L	EPA 160.4	3.1	5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/19/2022 10:07:00 PM	Diesel Range Organics	n/a	=	0.21	mg/L	EPA 8015B	0.14	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/19/2022 10:07:00 PM	Oil Range Organics	n/a	DNQ	0.49	mg/L	EPA 8015B	0.45	1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:11:00 PM	Aluminum	Dissolved	=	36	µg/L	EPA 200.8	4.4	20	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:14:00 PM	Aluminum	Total	=	2300	µg/L	EPA 200.8	4.4	20	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:11:00 PM	Antimony	Dissolved	DNQ	0.34	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:14:00 PM	Antimony	Total	DNQ	0.39	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:11:00 PM	Arsenic	Dissolved	=	0.89	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:14:00 PM	Arsenic	Total	=	1.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:14:00 PM	Barium	Total	=	39	µg/L	EPA 200.8	0.14	1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:11:00 PM	Beryllium	Dissolved	=	0.24	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:14:00 PM	Beryllium	Total	=	0.38	µg/L	EPA 200.8	0.029	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:11:00 PM	Cadmium	Dissolved	=	0.27	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:14:00 PM	Cadmium	Total	DNQ	0.13	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:11:00 PM	Chromium	Dissolved	=	0.89	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:14:00 PM	Chromium	Total	=	3.6	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/6/2022 3:31:00 PM	Chromium VI	n/a	=	0.4	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:11:00 PM	Copper	Dissolved	=	3.5	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:14:00 PM	Copper	Total	=	9.2	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:11:00 PM	Iron	Dissolved	=	42	µg/L	EPA 200.8	3.9	20	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:14:00 PM	Iron	Total	=	2800	µg/L	EPA 200.8	3.9	20	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:11:00 PM	Lead	Dissolved	=	0.5	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:14:00 PM	Lead	Total	=	3.6	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:36:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:38:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:11:00 PM	Nickel	Dissolved	=	2.5	µg/L	EPA 200.8	0.16	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:14:00 PM	Nickel	Total	=	4.7	µg/L	EPA 200.8	0.16	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:11:00 PM	Selenium	Dissolved	=	0.45	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:14:00 PM	Selenium	Total	DNQ	0.37	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:11:00 PM	Silver	Dissolved	DNQ	0.16	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:14:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:11:00 PM	Thallium	Dissolved	=	0.21	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:14:00 PM	Thallium	Total	DNQ	0.17	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:11:00 PM	Zinc	Dissolved	=	12	µg/L	EPA 200.8	0.8	10	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/12/2022 5:14:00 PM	Zinc	Total	=	52	µg/L	EPA 200.8	1.7	10	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/7/2022 1:06:00 PM	Ammonia as N	n/a	DNQ	0.046	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/10/2022 1:25:00 PM	Nitrate + Nitrite as N	n/a	DNQ	0.16	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/9/2022 7:26:00 PM	Phosphorus as P	Dissolved	=	0.2	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/9/2022 7:28:00 PM	Phosphorus as P	Total	=	0.35	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/19/2022 5:40:00 PM	TKN	n/a	=	1.1	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/6/2023 6:43:00 AM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/7/2023 5:24:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/7/2023 5:24:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/7/2023 5:24:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/7/2023 5:24:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/7/2023 5:24:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/7/2023 5:24:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/6/2023 6:43:00 AM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/7/2023 5:24:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/7/2023 5:24:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/7/2023 5:24:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/7/2023 5:24:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/7/2023 5:24:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/7/2023 5:24:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/6/2023 6:43:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/6/2023 6:43:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/6/2023 6:43:00 AM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/6/2023 6:43:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Benzidine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/6/2023 6:43:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/6/2023 6:43:00 AM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/6/2023 6:43:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/6/2023 6:43:00 AM	Benzo(k)fluoranthene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	1.3	µg/L	EPA 525.2	0.41	3	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Butyl benzyl phthalate	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/6/2023 6:43:00 AM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/6/2023 6:43:00 AM	Dibenz(a,h)anthracene	n/a	<	0.072	µg/L	EPA 8270C	0.072	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Di-n-butylphthalate	n/a	<	0.68	µg/L	EPA 625.1	0.68	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/6/2023 6:43:00 AM	Fluoranthene	n/a	<	0.078	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/6/2023 6:43:00 AM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/6/2023 6:43:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/6/2023 6:43:00 AM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/6/2023 6:43:00 AM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/7/2023 5:24:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/3/2022 10:24:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/6/2023 6:43:00 AM	Pyrene	n/a	<	0.08	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/11/2022 10:19:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/11/2022 10:19:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/11/2022 10:19:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/11/2022 10:19:00 AM	2,4-DB	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/11/2022 10:19:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/11/2022 10:19:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/11/2022 10:19:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/11/2022 10:19:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/11/2022 10:19:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/11/2022 10:19:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/11/2022 10:19:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/11/2022 10:19:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/6/2022 2:37:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Malathion	n/a	DNQ	0.0025	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/11/2022 10:19:00 AM	Pentachlorophenol	n/a	=	0.22	µg/L	EPA 515.4	0.046	0.2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/4/2023 10:24:00 PM	Pentachlorophenol	n/a	DNQ	0.97	µg/L	EPA 625.1	0.8	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	1/7/2023 5:24:00 AM	Pentachlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/11/2022 10:19:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/28/2022 12:48:00 AM	Toxaphene	n/a	<	1.2	µg/L	EPA 608.3	1.2	2.5	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/13/2022 4:17:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	
MO-OJA	2022/23-2	Wet	12/3/2022 6:50:00 AM	12/17/2022 5:17:00 PM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/24/2023 6:30:00 AM	2/25/2023 11:20:00 AM	E. Coli	n/a	=	2014	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OJA	2022/23-4	Wet	2/24/2023 6:30:00 AM	2/25/2023 11:20:00 AM	Total Coliform	n/a	=	30760	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-OJA	2022/23-4	Wet	2/24/2023 6:30:00 AM	2/24/2023 6:30:00 AM	Conductivity	n/a	=	65.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2022/23-4	Wet	2/24/2023 6:30:00 AM	3/10/2023 3:07:00 PM	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-OJA	2022/23-4	Wet	2/24/2023 6:30:00 AM	2/24/2023 6:30:00 AM	DO	n/a	=	10.86	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OJA	2022/23-4	Wet	2/24/2023 6:30:00 AM	2/24/2023 6:30:00 AM	DO	n/a	=	92.5	%	Field Meter	-88	0.1	Field Crew	
MO-OJA	2022/23-4	Wet	2/24/2023 6:30:00 AM	2/24/2023 6:30:00 AM	pH	n/a	=	6.82	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OJA	2022/23-4	Wet	2/24/2023 6:30:00 AM	2/24/2023 6:30:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-OJA	2022/23-4	Wet	2/24/2023 6:30:00 AM	2/24/2023 6:30:00 AM	Specific Conductance	n/a	=	97.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2022/23-4	Wet	2/24/2023 6:30:00 AM	2/24/2023 6:30:00 AM	Temperature	n/a	=	8.1	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2022/23-4	Wet	2/24/2023 6:30:00 AM	3/1/2023 2:00:00 AM	Gasoline Range Organics	n/a	DNQ	0.093	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/24/2023 6:30:00 AM	3/17/2023 4:58:00 PM	Oil and Grease	n/a	DNQ	1.3	mg/L	EPA 1664B	0.6	4	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/7/2023 12:45:00 AM	Chloride	n/a	=	5.5	mg/L	EPA 300.0	0.19	0.5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/7/2023 12:45:00 AM	Fluoride	n/a	DNQ	0.075	mg/L	EPA 300.0	0.009	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/8/2023 9:40:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 7:13:00 PM	Calcium	Total	=	16.2	mg/L	EPA 200.7	0.0736	0.5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 7:13:00 PM	Magnesium	Total	=	6.41	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/2/2023 2:04:00 PM	Alkalinity as CaCO3	n/a	=	43	mg/L	SM 2320 B	1.9	5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/3/2023 1:23:00 PM	BOD	n/a	=	2	mg/L	SM 5210 B	2	2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/13/2023 10:27:00 AM	COD	n/a	=	42	mg/L	EPA 410.4	2.9	5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 7:13:00 PM	Hardness as CaCO3	Total	=	67	mg/L	EPA 200.7	0.344	3.31	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	2/26/2023 3:33:00 PM	MBAS	n/a	DNQ	0.028	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/15/2023 3:46:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/8/2023 10:29:00 AM	Specific Conductance	n/a	=	140	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/2/2023 12:22:00 PM	Total Dissolved Solids	n/a	=	120	mg/L	SM 2540 C	4	10	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/2/2023 2:08:00 AM	Total Organic Carbon	n/a	=	5.1	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/2/2023 5:22:00 PM	Total Suspended Solids	n/a	=	890	mg/L	SM 2540 D	-88	5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	2/26/2023 5:06:00 PM	Turbidity	n/a	=	540	NTU	EPA 180.1	0.42	2.5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/2/2023 5:22:00 PM	Volatile Suspended Solids	n/a	=	99	mg/L	EPA 160.4	3.1	5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 1:59:00 PM	Diesel Range Organics	n/a	DNQ	0.073	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 1:59:00 PM	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:07:00 PM	Aluminum	Dissolved	=	48	µg/L	EPA 200.8	4.4	20	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 4:12:00 PM	Aluminum	Total	=	9600	µg/L	EPA 200.8	8.9	40	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:07:00 PM	Antimony	Dissolved	DNQ	0.15	µg/L	EPA 200.8	0.089	0.5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:10:00 PM	Antimony	Total	DNQ	0.2	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:07:00 PM	Arsenic	Dissolved	=	1.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:10:00 PM	Arsenic	Total	=	3.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:10:00 PM	Barium	Total	=	140	µg/L	EPA 200.8	0.14	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:07:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:10:00 PM	Beryllium	Total	=	0.48	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:07:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:10:00 PM	Cadmium	Total	DNQ	0.13	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:07:00 PM	Chromium	Dissolved	=	0.29	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:10:00 PM	Chromium	Total	=	12	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/6/2023 9:31:00 PM	Chromium VI	n/a	=	0.16	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:07:00 PM	Copper	Dissolved	=	3.2	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:10:00 PM	Copper	Total	=	18	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:07:00 PM	Iron	Dissolved	=	54	µg/L	EPA 200.8	3.9	20	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 4:12:00 PM	Iron	Total	=	12000	µg/L	EPA 200.8	7.9	40	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:07:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:10:00 PM	Lead	Total	=	9.3	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/7/2023 1:40:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/7/2023 1:42:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:07:00 PM	Nickel	Dissolved	DNQ	0.9	µg/L	EPA 200.8	0.16	2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:10:00 PM	Nickel	Total	=	14	µg/L	EPA 200.8	0.4	2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:07:00 PM	Selenium	Dissolved	DNQ	0.15	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:10:00 PM	Selenium	Total	DNQ	0.26	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:07:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:10:00 PM	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:07:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:10:00 PM	Thallium	Total	DNQ	0.11	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:07:00 PM	Zinc	Dissolved	DNQ	2.8	µg/L	EPA 200.8	1.7	10	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/9/2023 1:10:00 PM	Zinc	Total	=	60	µg/L	EPA 200.8	1.7	10	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/13/2023 12:58:00 PM	Ammonia as N	n/a	DNQ	0.084	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/8/2023 3:45:00 PM	Nitrate + Nitrite as N	n/a	=	0.68	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 7:10:00 PM	Phosphorus as P	Dissolved	=	0.29	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 7:13:00 PM	Phosphorus as P	Total	=	0.59	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/21/2023 5:25:00 PM	TKN	n/a	=	1.7	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/31/2023 12:07:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	LB-LCSR
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 1:51:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 1:51:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 1:51:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 1:51:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 1:51:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 1:51:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/31/2023 12:07:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	LB-LCSR
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 1:51:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 1:51:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 1:51:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 1:51:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 1:51:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 1:51:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/31/2023 12:07:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/31/2023 12:07:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/31/2023 12:07:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/31/2023 12:07:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Benzenzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/31/2023 12:07:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	Benzo(a)pyrene	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/31/2023 12:07:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/31/2023 12:07:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/31/2023 12:07:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.85	µg/L	EPA 525.2	0.85	10	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.82	µg/L	EPA 525.2	0.82	6	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	16	µg/L	EPA 625.1	2.3	5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Butyl benzyl phthalate	n/a	DNQ	0.9	µg/L	EPA 625.1	0.49	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/31/2023 12:07:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/31/2023 12:07:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Di-n-octylphthalate	n/a	DNQ	0.57	µg/L	EPA 625.1	0.46	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/31/2023 12:07:00 AM	Fluoranthene	n/a	DNQ	0.058	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/31/2023 12:07:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	Hexachlorocyclopentadiene	n/a	<	0.18	µg/L	EPA 525.2	0.18	2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/31/2023 12:07:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/31/2023 12:07:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/31/2023 12:07:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 1:51:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/31/2023 12:07:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	PCB Aroclor 1016	n/a	<	0.14	µg/L	EPA 608.3	0.14	2.5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	PCB Aroclor 1232	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	PCB Aroclor 1242	n/a	<	0.48	µg/L	EPA 608.3	0.48	2.5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	PCB Aroclor 1248	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	2.5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	PCB Aroclor 1260	n/a	<	0.28	µg/L	EPA 608.3	0.28	2.5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 2:28:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 2:28:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 2:28:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 2:28:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 2:28:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 2:28:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	Alachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	Atrazine	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 2:28:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	Bromacil	n/a	<	0.14	µg/L	EPA 525.2	0.14	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	Butachlor	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	Captan	n/a	<	0.64	µg/L	EPA 525.2	0.64	2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	Chloroprotham	n/a	<	0.08	µg/L	EPA 525.2	0.08	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 2:28:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	Diazinon	n/a	<	0.044	µg/L	EPA 525.2	0.044	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 2:28:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 2:28:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	Dimethoate	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.4	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 2:28:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	Diphenamid	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	Disulfoton	n/a	<	0.031	µg/L	EPA 525.2	0.031	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	LB-LCSR
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	EPTC	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Fensulfothion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/4/2023 2:36:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Malathion	n/a	DNQ	0.0028	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	Metolachlor	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	Metribuzin	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	Molinate	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 2:28:00 AM	Pentachlorophenol	n/a	DNQ	0.12	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 1:51:00 AM	Pentachlorophenol	n/a	DNQ	0.6	µg/L	EPA 8270C	0.15	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	4/1/2023 3:48:00 PM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 2:28:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	Prometryn	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	Simazine	n/a	DNQ	0.11	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	Terbacil	n/a	<	0.18	µg/L	EPA 525.2	0.18	4	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	Thiobencarb	n/a	<	0.06	µg/L	EPA 525.2	0.06	0.2	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/16/2023 11:10:00 AM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/10/2023 10:35:00 PM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
MO-OJA	2022/23-4	Wet	2/25/2023 6:00:00 AM	3/14/2023 4:42:00 PM	Trithion	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	5/25/2023 7:43:00 PM	Chloride	n/a	=	160	mg/L	EPA 300.0	0.19	0.5	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	5/25/2023 7:43:00 PM	Fluoride	n/a	=	0.46	mg/L	EPA 300.0	0.009	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 6:16:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	5/24/2023 7:47:00 AM	E. Coli	n/a	=	988	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	5/24/2023 7:47:00 AM	Total Coliform	n/a	=	10462	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/5/2023 3:24:00 PM	Calcium	Total	=	172	mg/L	EPA 200.7	0.0736	0.5	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/5/2023 3:24:00 PM	Magnesium	Total	=	61.4	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	5/30/2023 2:25:00 PM	Alkalinity as CaCO3	n/a	=	320	mg/L	SM 2320 B	1.9	5	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/12/2023 10:47:00 AM	COD	n/a	=	11	mg/L	EPA 410.4	2.9	5	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	5/23/2023 8:35:00 AM	Conductivity	n/a	=	1703	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	5/31/2023 6:05:00 PM	Cyanide	Total	DNQ	0.0008	mg/L	ASTM D7511	0.0006	0.002	WKL	UL-MB
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	5/23/2023 8:35:00 AM	DO	n/a	=	130.2	%	Field Meter	-88	0.1	Field Crew	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	5/23/2023 8:35:00 AM	DO	n/a	=	12.33	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/5/2023 3:24:00 PM	Hardness as CaCO3	Total	=	683	mg/L	EPA 200.7	0.344	3.31	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	5/24/2023 6:10:00 PM	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	5/23/2023 8:35:00 AM	pH	n/a	=	8.04	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/9/2023 5:34:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	5/23/2023 8:35:00 AM	Salinity	n/a	=	1000	mg/L	Field Meter	-88	100	Field Crew	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/9/2023 5:31:00 PM	Specific Conductance	n/a	=	2000	µmhos/cm	SM 2510 B	3.2	6	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	5/23/2023 8:35:00 AM	Specific Conductance	n/a	=	1857	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	5/23/2023 8:35:00 AM	Temperature	n/a	=	18.4	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	5/25/2023 11:52:00 AM	Total Dissolved Solids	n/a	=	1300	mg/L	SM 2540 C	4	10	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/3/2023 3:14:00 AM	Total Organic Carbon	n/a	=	3	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	5/30/2023 1:45:00 PM	Total Suspended Solids	n/a	DNQ	4	mg/L	SM 2540 D	-88	5	WKL	UL-MB
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	5/24/2023 6:17:00 PM	Turbidity	n/a	=	1.2	NTU	EPA 180.1	0.017	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	5/30/2023 1:45:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/28/2023 2:01:00 PM	Diesel Range Organics	n/a	DNQ	0.078	mg/L	EPA 8015B	0.072	0.1	WKL	EST-HT
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/1/2023 9:50:00 PM	Gasoline Range Organics	n/a	DNQ	0.17	mg/L	EPA 8260B	0.065	0.3	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	5/25/2023 4:36:00 PM	Oil and Grease	n/a	=	4	mg/L	EPA 1664B	0.6	4	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/28/2023 2:01:00 PM	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5	WKL	EST-HT
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:38:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:41:00 PM	Aluminum	Total	DNQ	18	µg/L	EPA 200.8	4.4	20	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:38:00 PM	Antimony	Dissolved	DNQ	0.12	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:41:00 PM	Antimony	Total	DNQ	0.14	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:38:00 PM	Arsenic	Dissolved	=	0.67	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:41:00 PM	Arsenic	Total	=	0.67	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:41:00 PM	Barium	Total	=	78	µg/L	EPA 200.8	0.14	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:38:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:41:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:38:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:41:00 PM	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:38:00 PM	Chromium	Dissolved	=	0.24	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:41:00 PM	Chromium	Total	=	0.35	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/6/2023 4:07:00 PM	Chromium VI	n/a	=	0.13	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:38:00 PM	Copper	Dissolved	=	1.2	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:41:00 PM	Copper	Total	=	1.4	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:38:00 PM	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:41:00 PM	Iron	Total	=	28	µg/L	EPA 200.8	3.9	20	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:38:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:41:00 PM	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 2:01:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 2:03:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:38:00 PM	Nickel	Dissolved	DNQ	0.96	µg/L	EPA 200.8	0.16	2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:41:00 PM	Nickel	Total	DNQ	0.76	µg/L	EPA 200.8	0.4	2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:38:00 PM	Selenium	Dissolved	=	3.5	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:41:00 PM	Selenium	Total	=	3.4	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:38:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:41:00 PM	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:38:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:41:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:38:00 PM	Zinc	Dissolved	<	1.7	µg/L	EPA 200.8	1.7	10	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 4:41:00 PM	Zinc	Total	DNQ	1.9	µg/L	EPA 200.8	1.7	10	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/5/2023 6:26:00 PM	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	5/24/2023 6:00:00 PM	Nitrate + Nitrite as N	n/a	=	6	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/5/2023 3:21:00 PM	Phosphorus as P	Dissolved	DNQ	0.022	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/5/2023 3:24:00 PM	Phosphorus as P	Total	DNQ	0.037	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/8/2023 7:29:00 PM	TKN	n/a	=	0.31	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/20/2023 3:49:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/22/2023 2:11:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/22/2023 2:11:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/22/2023 2:11:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/22/2023 2:11:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	2,4-Dinitrophenol	n/a	<	4.4	µg/L	EPA 625.1	4.4	10	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/22/2023 2:11:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/22/2023 2:11:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/20/2023 3:49:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/22/2023 2:11:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/22/2023 2:11:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/22/2023 2:11:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/22/2023 8:51:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/22/2023 2:11:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/22/2023 2:11:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/20/2023 3:49:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/20/2023 3:49:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/20/2023 3:49:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/20/2023 3:49:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Benz(a)anthracene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Benzenzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	Benzo(a)pyrene	n/a	<	0.045	µg/L	EPA 525.2	0.045	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Benzo(a)pyrene	n/a	<	0.82	µg/L	EPA 625.1	0.82	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/20/2023 3:49:00 AM	Benzo(a)pyrene	n/a	DNQ	0.093	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/20/2023 3:49:00 AM	Benzo(b)fluoranthene	n/a	=	0.23	µg/L	EPA 8270C	0.074	0.1	WKL	ANI
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Benzo(g,h,i)perylene	n/a	DNQ	0.61	µg/L	EPA 625.1	0.42	2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/20/2023 3:49:00 AM	Benzo(g,h,i)perylene	n/a	=	0.55	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Benzo(k)fluoranthene	n/a	<	0.72	µg/L	EPA 625.1	0.72	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/20/2023 3:49:00 AM	Benzo(k)fluoranthene	n/a	=	0.25	µg/L	EPA 8270C	0.059	0.1	WKL	ANI
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	LB-LCSR
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.38	µg/L	EPA 525.2	0.38	5	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/20/2023 3:49:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Dibenz(a,h)anthracene	n/a	DNQ	0.8	µg/L	EPA 625.1	0.6	2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/20/2023 3:49:00 AM	Dibenz(a,h)anthracene	n/a	=	0.81	µg/L	EPA 8270C	0.081	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Di-n-butylphthalate	n/a	DNQ	0.52	µg/L	EPA 625.1	0.34	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Di-n-octylphthalate	n/a	DNQ	0.96	µg/L	EPA 625.1	0.46	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/20/2023 3:49:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/20/2023 8:51:00 PM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/20/2023 3:49:00 AM	Indeno(1,2,3-cd)pyrene	n/a	=	0.71	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Indeno(1,2,3-cd)pyrene	n/a	DNQ	0.75	µg/L	EPA 625.1	0.66	2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/20/2023 3:49:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/20/2023 3:49:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/22/2023 2:11:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Phenol	n/a	<	0.17	µg/L	EPA 625.1	0.17	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/20/2023 3:49:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	PCB Aroclor 1016	n/a	<	0.15	µg/L	EPA 608.3	0.15	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	PCB Aroclor 1221	n/a	<	0.048	µg/L	EPA 608.3	0.048	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	PCB Aroclor 1232	n/a	<	0.17	µg/L	EPA 608.3	0.17	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	PCB Aroclor 1242	n/a	<	0.19	µg/L	EPA 608.3	0.19	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	PCB Aroclor 1248	n/a	<	0.17	µg/L	EPA 608.3	0.17	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	PCB Aroclor 1254	n/a	<	0.08	µg/L	EPA 608.3	0.08	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	PCB Aroclor 1260	n/a	<	0.11	µg/L	EPA 608.3	0.11	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/8/2023 3:50:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/8/2023 3:50:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/8/2023 3:50:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/8/2023 3:50:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/8/2023 3:50:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	4,4'-DDD	n/a	<	0.0054	µg/L	EPA 608.3	0.0054	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	4,4'-DDE	n/a	<	0.0036	µg/L	EPA 608.3	0.0036	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	4,4'-DDT	n/a	<	0.0056	µg/L	EPA 608.3	0.0056	0.02	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/8/2023 3:50:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	Alachlor	n/a	<	0.063	µg/L	EPA 525.2	0.063	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	Aldrin	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	alpha-BHC	n/a	<	0.0049	µg/L	EPA 608.3	0.0049	0.02	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	alpha-Chlordane	n/a	<	0.0058	µg/L	EPA 608.3	0.0058	0.02	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	Atrazine	n/a	<	0.042	µg/L	EPA 525.2	0.042	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/8/2023 3:50:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	beta-BHC	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	Bromacil	n/a	<	0.24	µg/L	EPA 525.2	0.24	0.5	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	Butachlor	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	LB-LCSR
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	Chlordane (technical)	n/a	<	0.086	µg/L	EPA 608.3	0.086	0.2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/8/2023 3:50:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/8/2023 3:50:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	delta-BHC	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/8/2023 3:50:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/8/2023 3:50:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	Dieldrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	Dimethoate	n/a	<	0.041	µg/L	EPA 525.2	0.041	0.2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/8/2023 3:50:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	Disulfoton	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	Endosulfan I	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.04	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	Endosulfan II	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	Endosulfan sulfate	n/a	<	0.0059	µg/L	EPA 608.3	0.0059	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	Endrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	Endrin aldehyde	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Fensulfothion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	LB-LCSR
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	gamma-BHC (Lindane)	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.04	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	gamma-Chlordane	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	5/31/2023 2:33:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	Heptachlor	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	Heptachlor epoxide	n/a	<	0.0036	µg/L	EPA 608.3	0.0036	0.02	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/22/2023 2:11:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/8/2023 3:50:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/16/2023 8:51:00 PM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/8/2023 3:50:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	Simazine	n/a	<	0.058	µg/L	EPA 525.2	0.058	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	Thiobencarb	n/a	<	0.069	µg/L	EPA 525.2	0.069	0.1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 8:12:00 PM	Toxaphene	n/a	<	0.17	µg/L	EPA 608.3	0.17	1	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/2/2023 10:42:00 PM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
MO-OJA	2022/23-6	Dry	5/23/2023 8:35:00 AM	6/7/2023 12:43:00 AM	Trithion	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.1	WKL	
MO-OJA	2023-DRY	Dry	8/30/2023 10:35:00 AM	8/31/2023 2:45:00 PM	E. Coli	n/a	=	359	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OJA	2023-DRY	Dry	8/30/2023 10:35:00 AM	8/31/2023 2:45:00 PM	Total Coliform	n/a	=	41060	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-OJA	2023-DRY	Dry	8/30/2023 10:35:00 AM	9/14/2023 7:29:00 PM	Calcium	Total	=	134	mg/L	EPA 200.7	0.0736	0.5	WKL	
MO-OJA	2023-DRY	Dry	8/30/2023 10:35:00 AM	9/14/2023 7:29:00 PM	Magnesium	Total	=	71.3	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-OJA	2023-DRY	Dry	8/30/2023 10:35:00 AM	8/30/2023 10:35:00 AM	Conductivity	n/a	=	1525	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2023-DRY	Dry	8/30/2023 10:35:00 AM	8/30/2023 10:35:00 AM	Discharge	n/a	=	0.27	cfs	Field Estimate	-88	-88	Field Crew	Est
MO-OJA	2023-DRY	Dry	8/30/2023 10:35:00 AM	8/30/2023 10:35:00 AM	DO	n/a	=	12.55	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OJA	2023-DRY	Dry	8/30/2023 10:35:00 AM	8/30/2023 10:35:00 AM	DO	n/a	=	151.2	%	Field Meter	-88	0.1	Field Crew	
MO-OJA	2023-DRY	Dry	8/30/2023 10:35:00 AM	9/14/2023 7:29:00 PM	Hardness as CaCO3	Total	=	627	mg/L	EPA 200.7	0.344	3.31	WKL	
MO-OJA	2023-DRY	Dry	8/30/2023 10:35:00 AM	8/30/2023 10:35:00 AM	pH	n/a	=	8.4	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OJA	2023-DRY	Dry	8/30/2023 10:35:00 AM	8/30/2023 10:35:00 AM	Salinity	n/a	=	200	mg/L	Field Meter	-88	100	Field Crew	
MO-OJA	2023-DRY	Dry	8/30/2023 10:35:00 AM	8/30/2023 10:35:00 AM	Specific Conductance	n/a	=	1555	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OJA	2023-DRY	Dry	8/30/2023 10:35:00 AM	8/30/2023 10:35:00 AM	Temperature	n/a	=	24	°C	Field Meter	-88	0.1	Field Crew	
MO-OJA	2023-DRY	Dry	8/30/2023 10:35:00 AM	9/17/2023 5:12:00 PM	Total Organic Carbon	n/a	=	2.9	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-OJA	2023-DRY	Dry	8/30/2023 10:35:00 AM	8/30/2023 10:35:00 AM	Turbidity	n/a	=	1.83	NTU	Field Meter	-88	0.01	Field Crew	
MO-OJA	2023-DRY	Dry	8/30/2023 10:35:00 AM	9/13/2023 4:55:00 PM	Copper	Dissolved	=	1.5	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OJA	2023-DRY	Dry	8/30/2023 10:35:00 AM	9/13/2023 4:55:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OJA	2023-DRY	Dry	8/30/2023 10:35:00 AM	9/13/2023 4:55:00 PM	Zinc	Dissolved	DNQ	1.7	µg/L	EPA 200.8	1.7	10	WKL	
MO-OXN	2022/23-1	Wet	11/8/2022 10:50:00 AM	11/9/2022 1:25:00 PM	E. Coli	n/a	=	14136	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OXN	2022/23-1	Wet	11/8/2022 10:50:00 AM	11/9/2022 1:25:00 PM	Total Coliform	n/a	=	658600	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-OXN	2022/23-1	Wet	11/8/2022 10:50:00 AM	11/8/2022 10:50:00 AM	Conductivity	n/a	=	455.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2022/23-1	Wet	11/8/2022 10:50:00 AM	11/18/2022 3:40:00 PM	Cyanide	Total	=	0.0034	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-OXN	2022/23-1	Wet	11/8/2022 10:50:00 AM	11/8/2022 10:50:00 AM	DO	n/a	=	7.22	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-OXN	2022/23-1	Wet	11/8/2022 10:50:00 AM	11/8/2022 10:50:00 AM	DO	n/a	=	79.6	%	Field Meter	-88	0.1	Field Crew	
MO-OXN	2022/23-1	Wet	11/8/2022 10:50:00 AM	11/8/2022 10:50:00 AM	pH	n/a	=	7.79	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OXN	2022/23-1	Wet	11/8/2022 10:50:00 AM	11/8/2022 10:50:00 AM	Salinity	n/a	=	300	mg/L	Field Meter	-88	100	Field Crew	
MO-OXN	2022/23-1	Wet	11/8/2022 10:50:00 AM	11/8/2022 10:50:00 AM	Specific Conductance	n/a	=	523	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2022/23-1	Wet	11/8/2022 10:50:00 AM	11/8/2022 10:50:00 AM	Temperature	n/a	=	20.4	°C	Field Meter	-88	0.1	Field Crew	
MO-OXN	2022/23-1	Wet	11/8/2022 10:50:00 AM	11/17/2022 7:04:00 PM	Gasoline Range Organics	n/a	DNQ	0.088	mg/L	EPA 8260B	0.065	0.1	WKL	UL-MB, IPND
MO-OXN	2022/23-1	Wet	11/8/2022 10:50:00 AM	11/28/2022 3:28:00 PM	Oil and Grease	n/a	=	4.4	mg/L	EPA 1664B	0.6	4	WKL	
MO-OXN	2022/23-1	Wet	11/8/2022 10:50:00 AM	11/12/2022 5:03:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-OXN	2022/23-1	Wet	11/8/2022 10:50:00 AM	11/12/2022 5:03:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/12/2022 4:29:00 AM	Chloride	n/a	=	8.6	mg/L	EPA 300.0	0.38	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/12/2022 4:29:00 AM	Fluoride	n/a	DNQ	0.14	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/11/2022 12:40:00 PM	Perchlorate	n/a	DNQ	1.5	µg/L	EPA 314.0	0.78	4	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 6:28:00 PM	Calcium	Total	=	14.3	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 6:28:00 PM	Magnesium	Total	=	4.23	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/12/2022 10:59:00 AM	Alkalinity as CaCO3	n/a	=	30	mg/L	SM 2320 B	1.9	5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/15/2022 12:06:00 PM	BOD	n/a	=	25	mg/L	SM 5210 B	2	2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/22/2022 5:15:00 PM	COD	n/a	=	170	mg/L	EPA 410.4	2.9	5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 6:28:00 PM	Hardness as CaCO3	Total	=	53.3	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/10/2022 3:04:00 PM	MBAS	n/a	=	0.26	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/22/2022 11:53:00 AM	Phenolics	n/a	=	0.011	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/23/2022 11:16:00 AM	Specific Conductance	n/a	=	150	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/10/2022 3:47:00 PM	Total Chlorine Residual	n/a	DNQ	0.049	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/15/2022 12:02:00 PM	Total Dissolved Solids	n/a	=	110	mg/L	SM 2540 C	4	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 3:58:00 AM	Total Organic Carbon	n/a	=	13	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 2:03:00 PM	Total Suspended Solids	n/a	=	720	mg/L	SM 2540 D	-88	5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/10/2022 3:45:00 PM	Turbidity	n/a	=	78	NTU	EPA 180.1	0.17	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 2:03:00 PM	Volatile Suspended Solids	n/a	=	160	mg/L	EPA 160.4	3.1	5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/1/2022 11:03:00 AM	Diesel Range Organics	n/a	DNQ	0.49	mg/L	EPA 8015B	0.36	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/1/2022 11:03:00 AM	Oil Range Organics	n/a	<	1.1	mg/L	EPA 8015B	1.1	2.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:17:00 PM	Aluminum	Dissolved	=	27	µg/L	EPA 200.8	4.4	20	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:20:00 PM	Aluminum	Total	=	5400	µg/L	EPA 200.8	4.4	20	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:17:00 PM	Antimony	Dissolved	=	0.76	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:20:00 PM	Antimony	Total	=	3.1	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:17:00 PM	Arsenic	Dissolved	=	0.79	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:20:00 PM	Arsenic	Total	=	3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:20:00 PM	Barium	Total	=	100	µg/L	EPA 200.8	0.14	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:17:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:20:00 PM	Beryllium	Total	=	0.23	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:17:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:20:00 PM	Cadmium	Total	=	0.58	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:17:00 PM	Chromium	Dissolved	=	1.1	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:20:00 PM	Chromium	Total	=	12	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/15/2022 3:14:00 PM	Chromium VI	n/a	=	0.92	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:17:00 PM	Copper	Dissolved	=	7.7	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:20:00 PM	Copper	Total	=	48	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:17:00 PM	Iron	Dissolved	=	63	µg/L	EPA 200.8	3.9	20	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:20:00 PM	Iron	Total	=	7900	µg/L	EPA 200.8	3.9	20	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:17:00 PM	Lead	Dissolved	=	0.52	µg/L	EPA 200.8	0.083	0.2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:20:00 PM	Lead	Total	=	22	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/21/2022 12:07:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/21/2022 12:09:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:17:00 PM	Nickel	Dissolved	=	2.5	µg/L	EPA 200.8	0.16	2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:20:00 PM	Nickel	Total	=	13	µg/L	EPA 200.8	0.16	2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:17:00 PM	Selenium	Dissolved	DNQ	0.24	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:20:00 PM	Selenium	Total	=	0.46	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:17:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:20:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:17:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:20:00 PM	Thallium	Total	DNQ	0.078	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:17:00 PM	Zinc	Dissolved	=	42	µg/L	EPA 200.8	0.8	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 2:20:00 PM	Zinc	Total	=	340	µg/L	EPA 200.8	1.7	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/17/2022 4:38:00 PM	Ammonia as N	n/a	=	0.35	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/10/2022 5:32:00 PM	Nitrate + Nitrite as N	n/a	=	0.6	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/10/2022 5:32:00 PM	Nitrate as N	n/a	=	0.58	mg/L	EPA 353.2	0.04	0.2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 6:25:00 PM	Phosphorus as P	Dissolved	=	0.16	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 6:28:00 PM	Phosphorus as P	Total	=	0.73	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/6/2022 5:19:00 PM	TKN	n/a	=	3	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/3/2022 11:02:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/10/2022 6:39:00 PM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/10/2022 6:39:00 PM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/10/2022 6:39:00 PM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	2,4-Dimethylphenol	n/a	<	7.6	µg/L	EPA 625.1	7.6	10	WKL	-LCSRPD, LB-L
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/10/2022 6:39:00 PM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	LB-LCSR
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/10/2022 6:39:00 PM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	2,4-Dinitrotoluene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/10/2022 6:39:00 PM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/3/2022 11:02:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/10/2022 6:39:00 PM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/10/2022 6:39:00 PM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	3,3'-Dichlorobenzidine	n/a	<	25	µg/L	EPA 625.1	25	50	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/10/2022 6:39:00 PM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/10/2022 6:39:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	5	µg/L	EPA 625.1	5	50	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/10/2022 6:39:00 PM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/10/2022 6:39:00 PM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/3/2022 11:02:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Acenaphthylene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/3/2022 11:02:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Anthracene	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/3/2022 11:02:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/3/2022 11:02:00 AM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Benzidine	n/a	<	32	µg/L	EPA 625.1	32	100	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/3/2022 11:02:00 AM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/3/2022 11:02:00 AM	Benzo(b)fluoranthene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/3/2022 11:02:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/3/2022 11:02:00 AM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	23	µg/L	EPA 625.1	23	50	WKL	EST-LCSRPD
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Butyl benzyl phthalate	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/3/2022 11:02:00 AM	Chrysene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/3/2022 11:02:00 AM	Dibenz(a,h)anthracene	n/a	<	0.36	µg/L	EPA 8270C	0.36	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Dibenz(a,h)anthracene	n/a	<	1.5	µg/L	EPA 625.1	1.5	20	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Diethyl phthalate	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Di-n-butylphthalate	n/a	<	3.4	µg/L	EPA 625.1	3.4	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/3/2022 11:02:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Fluoranthene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/3/2022 11:02:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Hexachlorocyclopentadiene	n/a	<	3.1	µg/L	EPA 625.1	3.1	50	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/3/2022 11:02:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	20	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/3/2022 11:02:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/3/2022 11:02:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Phenol	n/a	<	8.1	µg/L	EPA 625.1	8.1	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/10/2022 6:39:00 PM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/3/2022 11:02:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/4/2022 4:01:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/4/2022 4:01:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/4/2022 4:01:00 PM	2,4-D	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	DF
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/4/2022 4:01:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/4/2022 4:01:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	4,4'-DDD	n/a	<	0.027	µg/L	EPA 608.3	0.027	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	4,4'-DDE	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	4,4'-DDT	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/4/2022 4:01:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Azinphos methyl	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/4/2022 4:01:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Bolstar	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Chlorpyrifos	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Coumaphos	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/4/2022 4:01:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/4/2022 4:01:00 PM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Demeton-O	n/a	<	0.0097	µg/L	EPA 625.1m	0.0097	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Demeton-S	n/a	<	0.0072	µg/L	EPA 625.1m	0.0072	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Diazinon	n/a	DNQ	0.01	µg/L	EPA 625.1m	0.0051	0.05	WKL	LB-LCSR
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/4/2022 4:01:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/4/2022 4:01:00 PM	Dichlorprop	n/a	<	0.3	µg/L	EPA 515.4	0.3	0.3	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Dichlorvos	n/a	DNQ	0.011	µg/L	EPA 625.1m	0.0046	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	Dieldrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Dimethoate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/4/2022 4:01:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Disulfoton	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	Endosulfan I	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Ethoprop	n/a	<	0.0033	µg/L	EPA 625.1m	0.0033	0.05	WKL	LB-LCSR
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Fensulfthion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Fenthion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	gamma-BHC (Lindane)	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/22/2022 1:11:00 AM	Glyphosate	n/a	=	21	µg/L	EPA 547	1.8	5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	Heptachlor	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	Heptachlor epoxide	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.1	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Malathion	n/a	DNQ	0.04	µg/L	EPA 625.1m	0.011	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Merphos	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Methyl parathion	n/a	<	0.0065	µg/L	EPA 625.1m	0.0065	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Mevinphos	n/a	<	0.0065	µg/L	EPA 625.1m	0.0065	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Naled	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/4/2022 4:01:00 PM	Pentachlorophenol	n/a	DNQ	0.076	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/13/2022 6:33:00 AM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/10/2022 6:39:00 PM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Phorate	n/a	<	0.007	µg/L	EPA 625.1m	0.007	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	12/4/2022 4:01:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.007	µg/L	EPA 625.1m	0.007	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Stirophos (Tetrachlorvinphos)	n/a	DNQ	0.012	µg/L	EPA 625.1m	0.012	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Toxuthion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/30/2022 5:04:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/19/2022 2:21:00 AM	Trichloronate	n/a	<	0.008	µg/L	EPA 625.1m	0.008	0.05	WKL	
MO-OXN	2022/23-1	Wet	11/9/2022 9:45:00 AM	11/16/2022 11:21:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 1:00:00 AM	12/3/2022 9:10:00 AM	E. Coli	n/a	=	36540	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-OXN	2022/23-2	Wet	12/2/2022 1:00:00 AM	12/3/2022 9:10:00 AM	Total Coliform	n/a	>	2419600	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-OXN	2022/23-2	Wet	12/2/2022 1:00:00 AM	12/2/2022 1:00:00 AM	Conductivity	n/a	=	168.9	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2022/23-2	Wet	12/2/2022 1:00:00 AM	12/12/2022 7:37:00 PM	Cyanide	Total	=	0.0072	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 1:00:00 AM	12/2/2022 1:00:00 AM	DO	n/a	=	69.8	%	Field Meter	-88	0.1	Field Crew	
MO-OXN	2022/23-2	Wet	12/2/2022 1:00:00 AM	12/2/2022 1:00:00 AM	DO	n/a	=	7.24	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OXN	2022/23-2	Wet	12/2/2022 1:00:00 AM	12/2/2022 1:00:00 AM	pH	n/a	=	7.47	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OXN	2022/23-2	Wet	12/2/2022 1:00:00 AM	12/2/2022 1:00:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-OXN	2022/23-2	Wet	12/2/2022 1:00:00 AM	12/2/2022 1:00:00 AM	Specific Conductance	n/a	=	216	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2022/23-2	Wet	12/2/2022 1:00:00 AM	12/2/2022 1:00:00 AM	Temperature	n/a	=	13.8	°C	Field Meter	-88	0.1	Field Crew	
MO-OXN	2022/23-2	Wet	12/2/2022 1:00:00 AM	12/21/2022 10:52:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	CK, EST-HT
MO-OXN	2022/23-2	Wet	12/2/2022 1:00:00 AM	12/12/2022 3:21:00 PM	Oil and Grease	n/a	DNQ	2.5	mg/L	EPA 1664B	0.6	4	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/15/2022 3:51:00 AM	Chloride	n/a	=	26	mg/L	EPA 300.0	0.38	1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/15/2022 3:51:00 AM	Fluoride	n/a	=	0.29	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/14/2022 8:20:00 PM	Perchlorate	n/a	<	2	µg/L	EPA 314.0	2	10	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/9/2022 6:24:00 PM	Calcium	Total	=	18.3	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/9/2022 6:24:00 PM	Magnesium	Total	=	4.09	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/8/2022 7:09:00 PM	Alkalinity as CaCO3	n/a	=	41	mg/L	SM 2320 B	1.9	5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/7/2022 6:45:00 PM	BOD	n/a	=	53	mg/L	SM 5210 B	2	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/14/2022 1:29:00 PM	COD	n/a	=	170	mg/L	EPA 410.4	2.9	5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/9/2022 6:24:00 PM	Hardness as CaCO3	Total	=	62.6	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/2/2022 9:16:00 PM	MBAS	n/a	=	1.3	mg/L	SM 5540 C	0.12	0.25	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/14/2022 12:26:00 PM	Phenolics	n/a	=	0.025	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/14/2022 11:56:00 AM	Specific Conductance	n/a	=	250	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/4/2022 10:50:00 AM	Total Chlorine Residual	n/a	=	0.055	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/8/2022 1:39:00 PM	Total Dissolved Solids	n/a	=	200	mg/L	SM 2540 C	4	10	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/8/2022 10:56:00 AM	Total Organic Carbon	n/a	=	43	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/6/2022 5:10:00 PM	Total Suspended Solids	n/a	=	13	mg/L	SM 2540 D	-88	5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/3/2022 2:13:00 PM	Turbidity	n/a	=	18	NTU	EPA 180.1	0.017	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/6/2022 5:10:00 PM	Volatile Suspended Solids	n/a	=	13	mg/L	EPA 160.4	3.1	5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/20/2022 2:44:00 AM	Diesel Range Organics	n/a	=	1.7	mg/L	EPA 8015B	0.14	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/20/2022 2:44:00 AM	Oil Range Organics	n/a	=	1.4	mg/L	EPA 8015B	0.45	1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 PM	Aluminum	Dissolved	=	43	µg/L	EPA 200.8	4.4	20	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:17:00 PM	Aluminum	Total	=	690	µg/L	EPA 200.8	4.4	20	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 PM	Antimony	Dissolved	=	1.5	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:17:00 PM	Antimony	Total	=	1.9	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 PM	Arsenic	Dissolved	=	1.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:17:00 PM	Arsenic	Total	=	1.5	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:17:00 PM	Barium	Total	=	29	µg/L	EPA 200.8	0.14	1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:17:00 PM	Beryllium	Total	DNQ	0.046	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 PM	Cadmium	Dissolved	DNQ	0.095	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:17:00 PM	Cadmium	Total	DNQ	0.17	µg/L	EPA 200.8	0.042	0.2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 PM	Chromium	Dissolved	=	1.3	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:17:00 PM	Chromium	Total	=	2.9	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/12/2022 1:54:00 PM	Chromium VI	n/a	=	0.74	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 PM	Copper	Dissolved	=	16	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:17:00 PM	Copper	Total	=	26	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 PM	Iron	Dissolved	=	140	µg/L	EPA 200.8	3.9	20	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:17:00 PM	Iron	Total	=	1100	µg/L	EPA 200.8	3.9	20	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 PM	Lead	Dissolved	=	0.93	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:17:00 PM	Lead	Total	=	3.7	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 5:28:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 5:30:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 PM	Nickel	Dissolved	=	5.9	µg/L	EPA 200.8	0.16	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:17:00 PM	Nickel	Total	=	14	µg/L	EPA 200.8	0.16	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 PM	Selenium	Dissolved	=	0.55	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:17:00 PM	Selenium	Total	=	0.57	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:17:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:17:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 PM	Zinc	Dissolved	=	110	µg/L	EPA 200.8	0.8	10	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:17:00 PM	Zinc	Total	=	150	µg/L	EPA 200.8	1.7	10	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/15/2022 2:17:00 PM	Ammonia as N	n/a	=	1.4	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/3/2022 1:59:00 PM	Nitrate + Nitrite as N	n/a	=	0.78	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/9/2022 6:21:00 PM	Phosphorus as P	Dissolved	=	0.41	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/9/2022 6:24:00 PM	Phosphorus as P	Total	=	0.67	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/19/2022 6:10:00 PM	TKN	n/a	=	4.3	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/6/2023 11:03:00 AM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/9/2023 5:07:00 PM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/9/2023 5:07:00 PM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/9/2023 5:07:00 PM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/9/2023 5:07:00 PM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/9/2023 5:07:00 PM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/9/2023 5:07:00 PM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/6/2023 11:03:00 AM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/9/2023 5:07:00 PM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/9/2023 5:07:00 PM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/9/2023 5:07:00 PM	3-/4-Methylphenol	n/a	DNQ	1.8	µg/L	EPA 8270C	0.6	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/9/2023 5:07:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/9/2023 5:07:00 PM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/9/2023 5:07:00 PM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/6/2023 11:03:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/6/2023 11:03:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/6/2023 11:03:00 AM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/6/2023 11:03:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Benzo(a)pyrene	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/6/2023 11:03:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/6/2023 11:03:00 AM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/6/2023 11:03:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/6/2023 11:03:00 AM	Benzo(k)fluoranthene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.6	µg/L	EPA 525.2	0.42	5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	11	µg/L	EPA 625.1	4.6	10	WKL	R
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	1.4	µg/L	EPA 525.2	0.41	3	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Butyl benzyl phthalate	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/6/2023 11:03:00 AM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/6/2023 11:03:00 AM	Dibenz(a,h)anthracene	n/a	<	0.072	µg/L	EPA 8270C	0.072	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Di-n-butylphthalate	n/a	DNQ	0.8	µg/L	EPA 625.1	0.68	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/6/2023 11:03:00 AM	Fluoranthene	n/a	<	0.078	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/6/2023 11:03:00 AM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Hexachlorobutadiene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/6/2023 11:03:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/6/2023 11:03:00 AM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/6/2023 11:03:00 AM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/9/2023 5:07:00 PM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/6/2023 11:03:00 AM	Pyrene	n/a	<	0.08	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/11/2022 2:12:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/11/2022 2:12:00 PM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 515.4	0.2	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/11/2022 2:12:00 PM	2,4-D	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/11/2022 2:12:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/11/2022 2:12:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	4,4'-DDD	n/a	<	0.027	µg/L	EPA 608.3	0.027	0.5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	4,4'-DDE	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	4,4'-DDT	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/11/2022 2:12:00 PM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/11/2022 2:12:00 PM	Bentazon	n/a	<	4	µg/L	EPA 515.4	4	4	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/11/2022 2:12:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/11/2022 2:12:00 PM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/11/2022 2:12:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/11/2022 2:12:00 PM	Dichlorprop	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Dichlorvos	n/a	DNQ	0.0079	µg/L	EPA 625.1m	0.0009	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	Dieldrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/11/2022 2:12:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	Endosulfan I	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Fensulfthion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	gamma-BHC (Lindane)	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/6/2022 4:33:00 AM	Glyphosate	n/a	=	19	µg/L	EPA 547	1.8	5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	Heptachlor	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	Heptachlor epoxide	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Malathion	n/a	=	0.088	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/11/2022 2:12:00 PM	Pentachlorophenol	n/a	<	0.5	µg/L	EPA 515.4	0.5	0.5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/5/2023 2:27:00 AM	Pentachlorophenol	n/a	DNQ	0.94	µg/L	EPA 625.1	0.8	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	1/9/2023 5:07:00 PM	Pentachlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/11/2022 2:12:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Ronnel (Fenclorophos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/28/2022 4:52:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/13/2022 7:15:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	
MO-OXN	2022/23-2	Wet	12/2/2022 4:58:00 AM	12/17/2022 8:56:00 AM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/24/2023 6:15:00 AM	2/25/2023 11:20:00 AM	E. Coli	n/a	=	1396	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-OXN	2022/23-4	Wet	2/24/2023 6:15:00 AM	2/25/2023 11:20:00 AM	Total Coliform	n/a	=	54750	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-OXN	2022/23-4	Wet	2/24/2023 6:15:00 AM	2/24/2023 6:15:00 AM	Conductivity	n/a	=	54.8	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2022/23-4	Wet	2/24/2023 6:15:00 AM	3/10/2023 4:09:00 PM	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-OXN	2022/23-4	Wet	2/24/2023 6:15:00 AM	2/24/2023 6:15:00 AM	DO	n/a	=	90.4	%	Field Meter	-88	0.1	Field Crew	
MO-OXN	2022/23-4	Wet	2/24/2023 6:15:00 AM	2/24/2023 6:15:00 AM	DO	n/a	=	10.24	mg/L	Field Meter	-88	0.3	Field Crew	
MO-OXN	2022/23-4	Wet	2/24/2023 6:15:00 AM	2/24/2023 6:15:00 AM	pH	n/a	=	7.44	pH Units	Field Meter	-88	0.01	Field Crew	
MO-OXN	2022/23-4	Wet	2/24/2023 6:15:00 AM	2/24/2023 6:15:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-OXN	2022/23-4	Wet	2/24/2023 6:15:00 AM	2/24/2023 6:15:00 AM	Specific Conductance	n/a	=	76.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-OXN	2022/23-4	Wet	2/24/2023 6:15:00 AM	2/24/2023 6:15:00 AM	Temperature	n/a	=	9.2	°C	Field Meter	-88	0.1	Field Crew	
MO-OXN	2022/23-4	Wet	2/24/2023 6:15:00 AM	3/1/2023 12:41:00 PM	Gasoline Range Organics	n/a	DNQ	0.085	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/24/2023 6:15:00 AM	3/17/2023 4:58:00 PM	Oil and Grease	n/a	DNQ	1.7	mg/L	EPA 1664B	0.6	4	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/7/2023 3:09:00 AM	Chloride	n/a	=	6.9	mg/L	EPA 300.0	0.38	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/7/2023 3:09:00 AM	Fluoride	n/a	DNQ	0.054	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/8/2023 1:42:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 5:58:00 PM	Calcium	Total	=	7.35	mg/L	EPA 200.7	0.0736	0.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 5:58:00 PM	Magnesium	Total	=	1.45	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/3/2023 5:13:00 PM	Alkalinity as CaCO3	n/a	=	34	mg/L	SM 2320 B	1.9	5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/3/2023 1:46:00 PM	BOD	n/a	=	5	mg/L	SM 5210 B	2	2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 10:30:00 AM	COD	n/a	=	44	mg/L	EPA 410.4	2.9	5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 5:58:00 PM	Hardness as CaCO3	Total	=	24.3	mg/L	EPA 200.7	0.344	3.31	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	2/26/2023 3:45:00 PM	MBAS	n/a	=	0.14	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/15/2023 3:32:00 PM	Phenolics	n/a	=	0.014	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/8/2023 12:50:00 PM	Specific Conductance	n/a	=	81	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/2/2023 12:22:00 PM	Total Dissolved Solids	n/a	=	47	mg/L	SM 2540 C	4	10	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/2/2023 5:26:00 AM	Total Organic Carbon	n/a	=	4.8	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/2/2023 5:22:00 PM	Total Suspended Solids	n/a	=	54	mg/L	SM 2540 D	-88	5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	2/26/2023 5:06:00 PM	Turbidity	n/a	=	49	NTU	EPA 180.1	0.085	0.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/2/2023 5:22:00 PM	Volatile Suspended Solids	n/a	=	17	mg/L	EPA 160.4	3.1	5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 6:34:00 PM	Diesel Range Organics	n/a	=	0.36	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 6:34:00 PM	Oil Range Organics	n/a	=	0.52	mg/L	EPA 8015B	0.22	0.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:31:00 PM	Aluminum	Dissolved	=	21	µg/L	EPA 200.8	4.4	20	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:33:00 PM	Aluminum	Total	=	1100	µg/L	EPA 200.8	4.4	20	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:31:00 PM	Antimony	Dissolved	DNQ	0.47	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:33:00 PM	Antimony	Total	=	1.1	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:31:00 PM	Arsenic	Dissolved	=	0.59	µg/L	EPA 200.8	0.074	0.4	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:33:00 PM	Arsenic	Total	=	1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:33:00 PM	Barium	Total	=	27	µg/L	EPA 200.8	0.14	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:31:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:33:00 PM	Beryllium	Total	DNQ	0.033	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:31:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:33:00 PM	Cadmium	Total	DNQ	0.14	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:31:00 PM	Chromium	Dissolved	=	1	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/17/2023 4:37:00 PM	Chromium	Total	=	3.9	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/10/2023 7:20:00 PM	Chromium VI	n/a	=	1.1	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:31:00 PM	Copper	Dissolved	=	4	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:33:00 PM	Copper	Total	=	10	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:31:00 PM	Iron	Dissolved	=	30	µg/L	EPA 200.8	3.9	20	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:33:00 PM	Iron	Total	=	1800	µg/L	EPA 200.8	3.9	20	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:31:00 PM	Lead	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:33:00 PM	Lead	Total	=	4	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/10/2023 12:12:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/10/2023 12:14:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:31:00 PM	Nickel	Dissolved	DNQ	0.9	µg/L	EPA 200.8	0.16	2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:33:00 PM	Nickel	Total	=	3.1	µg/L	EPA 200.8	0.4	2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:31:00 PM	Selenium	Dissolved	DNQ	0.12	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:33:00 PM	Selenium	Total	DNQ	0.18	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:31:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:33:00 PM	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:31:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:33:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:31:00 PM	Zinc	Dissolved	=	31	µg/L	EPA 200.8	0.8	10	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 7:33:00 PM	Zinc	Total	=	77	µg/L	EPA 200.8	1.7	10	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 1:58:00 PM	Ammonia as N	n/a	=	0.19	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/8/2023 3:57:00 PM	Nitrate + Nitrite as N	n/a	=	0.29	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 5:55:00 PM	Phosphorus as P	Dissolved	=	0.11	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/13/2023 5:58:00 PM	Phosphorus as P	Total	=	0.22	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/21/2023 5:55:00 PM	TKN	n/a	=	0.97	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/31/2023 4:35:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	LB-LCSR
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 5:59:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 5:59:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 5:59:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 5:59:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 5:59:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 5:59:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/31/2023 4:35:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	LB-LCSR
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 5:59:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 5:59:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 5:59:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 5:59:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 5:59:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 5:59:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/31/2023 4:35:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/31/2023 4:35:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/31/2023 4:35:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/31/2023 4:35:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/31/2023 4:35:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/31/2023 4:35:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/31/2023 4:35:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/31/2023 4:35:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.046	µg/L	EPA 8270C	0.026	0.1	WKL	ANI
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/31/2023 4:35:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/31/2023 4:35:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/31/2023 4:35:00 AM	Fluoranthene	n/a	DNQ	0.059	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/31/2023 4:35:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/31/2023 4:35:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/31/2023 4:35:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/31/2023 4:35:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 5:59:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/31/2023 4:35:00 AM	Pyrene	n/a	DNQ	0.06	µg/L	EPA 8270C	0.04	0.1	WKL	UL-MB
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	PCB Aroclor 1221	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	PCB Aroclor 1232	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	PCB Aroclor 1242	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	PCB Aroclor 1248	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	PCB Aroclor 1254	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	PCB Aroclor 1260	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 6:23:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 6:23:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 6:23:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 6:23:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 6:23:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 6:23:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 6:23:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 6:23:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 6:23:00 AM	DCCA (Daacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 6:23:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 6:23:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 6:23:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	LB-LCSR
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Fensulfothion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/4/2023 4:27:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Malathion	n/a	=	0.068	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 5:59:00 AM	Pentachlorophenol	n/a	DNQ	0.58	µg/L	EPA 8270C	0.15	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 6:23:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	4/1/2023 7:44:00 PM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 6:23:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/16/2023 3:13:00 PM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/11/2023 1:34:00 AM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
MO-OXN	2022/23-4	Wet	2/25/2023 7:40:00 AM	3/14/2023 8:11:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/8/2022 1:20:00 PM	11/9/2022 5:00:00 PM	E. Coli	n/a	=	1267	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SIM	2022/23-1	Wet	11/8/2022 1:20:00 PM	11/9/2022 5:00:00 PM	Total Coliform	n/a	=	387300	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-SIM	2022/23-1	Wet	11/8/2022 1:20:00 PM	11/8/2022 1:20:00 PM	Conductivity	n/a	=	1181	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2022/23-1	Wet	11/8/2022 1:20:00 PM	11/18/2022 2:38:00 PM	Cyanide	Total	=	0.0021	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-SIM	2022/23-1	Wet	11/8/2022 1:20:00 PM	11/8/2022 1:20:00 PM	DO	n/a	=	6.57	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2022/23-1	Wet	11/8/2022 1:20:00 PM	11/8/2022 1:20:00 PM	DO	n/a	=	68.6	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2022/23-1	Wet	11/8/2022 1:20:00 PM	11/8/2022 1:20:00 PM	pH	n/a	=	7.74	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2022/23-1	Wet	11/8/2022 1:20:00 PM	11/8/2022 1:20:00 PM	Salinity	n/a	=	700	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2022/23-1	Wet	11/8/2022 1:20:00 PM	11/8/2022 1:20:00 PM	Specific Conductance	n/a	=	1321	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2022/23-1	Wet	11/8/2022 1:20:00 PM	11/8/2022 1:20:00 PM	Temperature	n/a	=	18.1	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2022/23-1	Wet	11/8/2022 1:20:00 PM	11/17/2022 3:25:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-SIM	2022/23-1	Wet	11/8/2022 1:20:00 PM	11/30/2022 12:46:00 PM	Oil and Grease	n/a	DNQ	2.2	mg/L	EPA 1664B	0.6	4	WKL	
MO-SIM	2022/23-1	Wet	11/8/2022 1:20:00 PM	11/12/2022 11:16:00 AM	2-Chloroethyl vinyl ether	n/a	<	0.38	µg/L	EPA 624.1	0.38	2	WKL	DG
MO-SIM	2022/23-1	Wet	11/8/2022 1:20:00 PM	11/12/2022 11:16:00 AM	Methyl tert-butyl ether (MTBE)	n/a	<	0.8	µg/L	EPA 624.1	0.8	2	WKL	DG
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/12/2022 3:35:00 AM	Chloride	n/a	=	39	mg/L	EPA 300.0	0.38	1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/12/2022 3:35:00 AM	Fluoride	n/a	=	0.22	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/11/2022 11:19:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 7:22:00 PM	Calcium	Total	=	90.3	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 7:22:00 PM	Magnesium	Total	=	19.6	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/12/2022 10:19:00 AM	Alkalinity as CaCO3	n/a	=	75	mg/L	SM 2320 B	1.9	5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 11:58:00 AM	BOD	n/a	=	25	mg/L	SM 5210 B	2	2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/22/2022 5:14:00 PM	COD	n/a	=	130	mg/L	EPA 410.4	2.9	5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 7:22:00 PM	Hardness as CaCO3	Total	=	306	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/10/2022 6:11:00 PM	MBAS	n/a	=	0.16	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/22/2022 11:47:00 AM	Phenolics	n/a	=	0.011	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/23/2022 11:11:00 AM	Specific Conductance	n/a	=	740	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/10/2022 3:41:00 PM	Total Chlorine Residual	n/a	=	0.053	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 12:02:00 PM	Total Dissolved Solids	n/a	=	500	mg/L	SM 2540 C	4	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 6:06:00 PM	Total Organic Carbon	n/a	=	16	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 2:03:00 PM	Total Suspended Solids	n/a	=	690	mg/L	SM 2540 D	-88	5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/10/2022 3:42:00 PM	Turbidity	n/a	=	100	NTU	EPA 180.1	0.17	1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 2:03:00 PM	Volatile Suspended Solids	n/a	=	120	mg/L	EPA 160.4	3.1	5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/1/2022 9:55:00 AM	Diesel Range Organics	n/a	=	0.48	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/1/2022 9:55:00 AM	Oil Range Organics	n/a	=	0.54	mg/L	EPA 8015B	0.22	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:08:00 PM	Aluminum	Dissolved	DNQ	13	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:11:00 PM	Aluminum	Total	=	6000	µg/L	EPA 200.8	4.4	20	WKL	HB-MSR
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:08:00 PM	Antimony	Dissolved	=	0.83	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:11:00 PM	Antimony	Total	=	2.1	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:08:00 PM	Arsenic	Dissolved	=	1.7	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:11:00 PM	Arsenic	Total	=	5.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:11:00 PM	Barium	Total	=	92	µg/L	EPA 200.8	0.14	1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:08:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:11:00 PM	Beryllium	Total	=	0.27	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:08:00 PM	Cadmium	Dissolved	DNQ	0.05	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:11:00 PM	Cadmium	Total	=	1	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:08:00 PM	Chromium	Dissolved	=	0.6	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:11:00 PM	Chromium	Total	=	14	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 2:51:00 PM	Chromium VI	n/a	=	0.37	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:08:00 PM	Copper	Dissolved	=	4.8	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:11:00 PM	Copper	Total	=	42	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:08:00 PM	Iron	Dissolved	=	85	µg/L	EPA 200.8	3.9	20	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:11:00 PM	Iron	Total	=	9400	µg/L	EPA 200.8	3.9	20	WKL	HB-MSR
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:08:00 PM	Lead	Dissolved	=	0.43	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:11:00 PM	Lead	Total	=	19	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/21/2022 11:52:00 AM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/21/2022 11:54:00 AM	Mercury	Total	DNQ	39	ng/L	EPA 245.1	37	50	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:08:00 PM	Nickel	Dissolved	=	3.7	µg/L	EPA 200.8	0.16	2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:11:00 PM	Nickel	Total	=	17	µg/L	EPA 200.8	0.16	2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:08:00 PM	Selenium	Dissolved	=	4.3	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:11:00 PM	Selenium	Total	=	4.5	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:08:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:11:00 PM	Silver	Total	DNQ	0.15	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:08:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:11:00 PM	Thallium	Total	DNQ	0.1	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:08:00 PM	Zinc	Dissolved	=	14	µg/L	EPA 200.8	0.8	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 5:11:00 PM	Zinc	Total	=	170	µg/L	EPA 200.8	1.7	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/17/2022 4:32:00 PM	Ammonia as N	n/a	=	0.54	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/10/2022 3:31:00 PM	Nitrate + Nitrite as N	n/a	=	1.8	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/10/2022 3:31:00 PM	Nitrate as N	n/a	=	1.8	mg/L	EPA 353.2	0.04	0.2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 7:19:00 PM	Phosphorus as P	Dissolved	=	0.14	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/15/2022 7:22:00 PM	Phosphorus as P	Total	=	0.9	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/6/2022 4:30:00 PM	TKN	n/a	=	4	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/3/2022 9:22:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/10/2022 5:10:00 PM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/10/2022 5:10:00 PM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/10/2022 5:10:00 PM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	2,4-Dimethylphenol	n/a	<	7.6	µg/L	EPA 625.1	7.6	10	WKL	-LCSRPD, LB-L
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/10/2022 5:10:00 PM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	LB-LCSR
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/10/2022 5:10:00 PM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	2,4-Dinitrotoluene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/10/2022 5:10:00 PM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/3/2022 9:22:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/10/2022 5:10:00 PM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/10/2022 5:10:00 PM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	3,3'-Dichlorobenzidine	n/a	<	25	µg/L	EPA 625.1	25	50	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/10/2022 5:10:00 PM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/10/2022 5:10:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	5	µg/L	EPA 625.1	5	50	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/10/2022 5:10:00 PM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/10/2022 5:10:00 PM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/3/2022 9:22:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/3/2022 9:22:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Acenaphthylene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/3/2022 9:22:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Anthracene	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/3/2022 9:22:00 AM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Benzenzidine	n/a	<	32	µg/L	EPA 625.1	32	100	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/3/2022 9:22:00 AM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/3/2022 9:22:00 AM	Benzo(b)fluoranthene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/3/2022 9:22:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/3/2022 9:22:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.26	µg/L	EPA 8270C	0.26	1	WKL	ANI
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	740	µg/L	EPA 625.1	23	50	WKL	LCSRPD, HB-L
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Butyl benzyl phthalate	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/3/2022 9:22:00 AM	Chrysene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Dibenz(a,h)anthracene	n/a	<	1.5	µg/L	EPA 625.1	1.5	20	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/3/2022 9:22:00 AM	Dibenz(a,h)anthracene	n/a	<	0.36	µg/L	EPA 8270C	0.36	1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Diethyl phthalate	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Di-n-butylphthalate	n/a	<	3.4	µg/L	EPA 625.1	3.4	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/3/2022 9:22:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Fluoranthene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/3/2022 9:22:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Hexachlorocyclopentadiene	n/a	<	3.1	µg/L	EPA 625.1	3.1	50	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/3/2022 9:22:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	20	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/3/2022 9:22:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/3/2022 9:22:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Phenol	n/a	<	8.1	µg/L	EPA 625.1	8.1	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/10/2022 5:10:00 PM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/3/2022 9:22:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/4/2022 2:42:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/4/2022 2:42:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/4/2022 2:42:00 PM	2,4-D	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/4/2022 2:42:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/4/2022 2:42:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	4,4'-DDD	n/a	<	0.027	µg/L	EPA 608.3	0.027	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	4,4'-DDE	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	4,4'-DDT	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/4/2022 2:42:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Azinphos methyl	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/4/2022 2:42:00 PM	Bentazon	n/a	<	1	µg/L	EPA 515.4	1	2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Bolstar	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Chlorpyrifos	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Coumaphos	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/4/2022 2:42:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/4/2022 2:42:00 PM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Demeton-O	n/a	<	0.0097	µg/L	EPA 625.1m	0.0097	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Demeton-S	n/a	<	0.0072	µg/L	EPA 625.1m	0.0072	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Diazinon	n/a	<	0.0051	µg/L	EPA 625.1m	0.0051	0.05	WKL	LB-LCSR
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/4/2022 2:42:00 PM	Dicamba	n/a	DNQ	0.38	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/4/2022 2:42:00 PM	Dichlorprop	n/a	<	0.3	µg/L	EPA 515.4	0.3	0.3	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Dichlorvos	n/a	DNQ	0.012	µg/L	EPA 625.1m	0.0046	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	Dieldrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Dimethoate	n/a	DNQ	0.013	µg/L	EPA 625.1m	0.013	0.05	WKL	UL-MB
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/4/2022 2:42:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Disulfoton	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	Endosulfan I	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Ethoprop	n/a	<	0.0033	µg/L	EPA 625.1m	0.0033	0.05	WKL	LB-LCSR
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Fensulfothion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Fenthion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.05	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	gamma-BHC (Lindane)	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/22/2022 12:34:00 AM	Glyphosate	n/a	=	8.3	µg/L	EPA 547	1.8	5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	Heptachlor	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	Heptachlor epoxide	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.1	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Malathion	n/a	=	0.063	µg/L	EPA 625.1m	0.011	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Merphos	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Methyl parathion	n/a	<	0.0065	µg/L	EPA 625.1m	0.0065	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Mevinphos	n/a	<	0.0065	µg/L	EPA 625.1m	0.0065	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Naled	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/4/2022 2:42:00 PM	Pentachlorophenol	n/a	DNQ	0.17	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/13/2022 5:06:00 AM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/10/2022 5:10:00 PM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Phorate	n/a	<	0.007	µg/L	EPA 625.1m	0.007	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	12/4/2022 2:42:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.007	µg/L	EPA 625.1m	0.007	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Stirophos (Tetrachlorvinphos)	n/a	DNQ	0.012	µg/L	EPA 625.1m	0.012	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Tokuthion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/30/2022 3:32:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/19/2022 1:14:00 AM	Trichloronate	n/a	<	0.008	µg/L	EPA 625.1m	0.008	0.05	WKL	
MO-SIM	2022/23-1	Wet	11/9/2022 10:50:00 AM	11/16/2022 10:02:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:15:00 AM	12/3/2022 7:15:00 AM	E. Coli	n/a	=	17329	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SIM	2022/23-2	Wet	12/2/2022 3:15:00 AM	12/3/2022 7:15:00 AM	Total Coliform	n/a	=	488400	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-SIM	2022/23-2	Wet	12/2/2022 3:15:00 AM	12/2/2022 3:15:00 AM	Conductivity	n/a	=	559	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2022/23-2	Wet	12/2/2022 3:15:00 AM	12/12/2022 6:29:00 PM	Cyanide	Total	=	0.004	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:15:00 AM	12/2/2022 3:15:00 AM	DO	n/a	=	78.7	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2022/23-2	Wet	12/2/2022 3:15:00 AM	12/2/2022 3:15:00 AM	DO	n/a	=	8.16	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2022/23-2	Wet	12/2/2022 3:15:00 AM	12/2/2022 3:15:00 AM	pH	n/a	=	7.35	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2022/23-2	Wet	12/2/2022 3:15:00 AM	12/2/2022 3:15:00 AM	Salinity	n/a	=	300	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2022/23-2	Wet	12/2/2022 3:15:00 AM	12/2/2022 3:15:00 AM	Specific Conductance	n/a	=	700	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2022/23-2	Wet	12/2/2022 3:15:00 AM	12/2/2022 3:15:00 AM	Temperature	n/a	=	13.6	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2022/23-2	Wet	12/2/2022 3:15:00 AM	12/12/2022 7:49:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:15:00 AM	12/12/2022 11:07:00 AM	Oil and Grease	n/a	DNQ	2.3	mg/L	EPA 1664B	0.6	4	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/15/2022 2:21:00 AM	Fluoride	n/a	=	50	mg/L	EPA 300.0	0.38	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/15/2022 2:21:00 AM	Fluoride	n/a	=	0.24	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/10/2022 1:16:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/9/2022 5:52:00 PM	Calcium	Total	=	80.9	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/9/2022 5:52:00 PM	Magnesium	Total	=	22.9	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/3/2022 12:51:00 PM	Alkalinity as CaCO3	n/a	=	81	mg/L	SM 2320 B	1.9	5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/7/2022 6:37:00 PM	BOD	n/a	=	40	mg/L	SM 5210 B	2	2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/9/2022 3:23:00 PM	COD	n/a	=	100	mg/L	EPA 410.4	2.9	5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/9/2022 5:52:00 PM	Hardness as CaCO3	Total	=	296	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/2/2022 9:16:00 PM	MBAS	n/a	=	0.32	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/14/2022 12:23:00 PM	Phenolics	n/a	=	0.011	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/14/2022 11:47:00 AM	Specific Conductance	n/a	=	820	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/4/2022 10:45:00 AM	Total Chlorine Residual	n/a	DNQ	0.042	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/8/2022 1:39:00 PM	Total Dissolved Solids	n/a	=	570	mg/L	SM 2540 C	4	10	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/8/2022 9:54:00 AM	Total Organic Carbon	n/a	=	34	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/6/2022 5:10:00 PM	Total Suspended Solids	n/a	=	9	mg/L	SM 2540 D	-88	5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/3/2022 2:13:00 PM	Turbidity	n/a	=	8.1	NTU	EPA 180.1	0.017	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/6/2022 5:10:00 PM	Volatile Suspended Solids	n/a	=	9	mg/L	EPA 160.4	3.1	5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/20/2022 1:01:00 AM	Diesel Range Organics	n/a	=	0.64	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/20/2022 1:01:00 AM	Oil Range Organics	n/a	=	0.5	mg/L	EPA 8015B	0.22	0.5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:36:00 PM	Aluminum	Dissolved	DNQ	8.7	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:39:00 PM	Aluminum	Total	=	150	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:36:00 PM	Antimony	Dissolved	=	0.95	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:39:00 PM	Antimony	Total	=	1.1	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:36:00 PM	Arsenic	Dissolved	=	1.8	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:39:00 PM	Arsenic	Total	=	2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:39:00 PM	Barium	Total	=	14	µg/L	EPA 200.8	0.14	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:36:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:39:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:36:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:39:00 PM	Cadmium	Total	DNQ	0.1	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:36:00 PM	Chromium	Dissolved	=	1	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:39:00 PM	Chromium	Total	=	1.8	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/6/2022 6:16:00 PM	Chromium VI	n/a	=	1.1	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:36:00 PM	Copper	Dissolved	=	8.9	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:39:00 PM	Copper	Total	=	14	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:36:00 PM	Iron	Dissolved	=	31	µg/L	EPA 200.8	3.9	20	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:39:00 PM	Iron	Total	=	380	µg/L	EPA 200.8	3.9	20	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:36:00 PM	Lead	Dissolved	=	0.21	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:39:00 PM	Lead	Total	=	1.1	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 4:58:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 5:00:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:36:00 PM	Nickel	Dissolved	=	3.1	µg/L	EPA 200.8	0.16	2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:39:00 PM	Nickel	Total	=	3.8	µg/L	EPA 200.8	0.16	2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:36:00 PM	Selenium	Dissolved	=	6.2	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:39:00 PM	Selenium	Total	=	6.3	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:36:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:39:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:36:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:39:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:36:00 PM	Zinc	Dissolved	=	26	µg/L	EPA 200.8	0.8	10	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:39:00 PM	Zinc	Total	=	42	µg/L	EPA 200.8	1.7	10	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/7/2022 1:14:00 PM	Ammonia as N	n/a	=	0.74	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/3/2022 1:55:00 PM	Nitrate + Nitrite as N	n/a	=	2	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/9/2022 5:49:00 PM	Phosphorus as P	Dissolved	=	0.28	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/9/2022 5:52:00 PM	Phosphorus as P	Total	=	0.48	mg/L	EPA 200.7	0.018	0.05	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/19/2022 6:03:00 PM	TKN	n/a	=	2.6	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/6/2023 9:25:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/9/2023 3:40:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/9/2023 3:40:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/9/2023 3:40:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/9/2023 3:40:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/9/2023 3:40:00 PM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/9/2023 3:40:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/6/2023 9:25:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/9/2023 3:40:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/9/2023 3:40:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/9/2023 3:40:00 PM	3-4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/9/2023 3:40:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/9/2023 3:40:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/9/2023 3:40:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/6/2023 9:25:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/6/2023 9:25:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/6/2023 9:25:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/6/2023 9:25:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Benzenzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/6/2023 9:25:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/6/2023 9:25:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/6/2023 9:25:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/6/2023 9:25:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	130	µg/L	EPA 625.1	2.3	5	WKL	R
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.61	µg/L	EPA 525.2	0.41	3	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/6/2023 9:25:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/6/2023 9:25:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/6/2023 9:25:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/6/2023 9:25:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/6/2023 9:25:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/6/2023 9:25:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/6/2023 9:25:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/9/2023 3:40:00 PM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/6/2023 9:25:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	PCB Aroclor 1016	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	PCB Aroclor 1221	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	PCB Aroclor 1232	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	PCB Aroclor 1242	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	PCB Aroclor 1248	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	PCB Aroclor 1254	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	PCB Aroclor 1260	n/a	<	2.5	µg/L	EPA 608.3	2.5	2.5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/11/2022 12:28:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/11/2022 12:28:00 PM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 515.4	0.2	0.2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/11/2022 12:28:00 PM	2,4-D	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/11/2022 12:28:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/11/2022 12:28:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/11/2022 12:28:00 PM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/11/2022 12:28:00 PM	Bentazon	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	Chlorpropham	n/a	<	5	µg/L	EPA 525.2	5	5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/11/2022 12:28:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/11/2022 12:28:00 PM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/11/2022 12:28:00 PM	Dicamba	n/a	DNQ	0.28	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/11/2022 12:28:00 PM	Dichlorprop	n/a	<	0.3	µg/L	EPA 515.4	0.3	0.3	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/11/2022 12:28:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/6/2022 3:42:00 AM	Glyphosate	n/a	DNQ	3.5	µg/L	EPA 547	1.8	5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Malathion	n/a	=	0.056	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	Metribuzin	n/a	<	0.5	µg/L	EPA 525.2	0.5	0.5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/5/2023 12:56:00 AM	Pentachlorophenol	n/a	DNQ	0.47	µg/L	EPA 625.1	0.4	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	1/9/2023 3:40:00 PM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/11/2022 12:28:00 PM	Pentachlorophenol	n/a	DNQ	0.063	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/11/2022 12:28:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Ronnel (Fenclorophos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/28/2022 3:21:00 AM	Toxaphene	n/a	<	1.2	µg/L	EPA 608.3	1.2	2.5	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/13/2022 6:08:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	
MO-SIM	2022/23-2	Wet	12/2/2022 3:30:00 AM	12/17/2022 7:38:00 AM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/24/2023 8:05:00 AM	2/25/2023 12:20:00 PM	E. Coli	n/a	=	6488	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SIM	2022/23-4	Wet	2/24/2023 8:05:00 AM	2/25/2023 12:20:00 PM	Total Coliform	n/a	=	61310	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-SIM	2022/23-4	Wet	2/24/2023 8:05:00 AM	2/24/2023 8:05:00 AM	Conductivity	n/a	=	150.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2022/23-4	Wet	2/24/2023 8:05:00 AM	3/10/2023 3:09:00 PM	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-SIM	2022/23-4	Wet	2/24/2023 8:05:00 AM	2/24/2023 8:05:00 AM	DO	n/a	=	7.33	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2022/23-4	Wet	2/24/2023 8:05:00 AM	2/24/2023 8:05:00 AM	DO	n/a	=	63.8	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2022/23-4	Wet	2/24/2023 8:05:00 AM	2/24/2023 8:05:00 AM	pH	n/a	=	7.45	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2022/23-4	Wet	2/24/2023 8:05:00 AM	2/24/2023 8:05:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2022/23-4	Wet	2/24/2023 8:05:00 AM	2/24/2023 8:05:00 AM	Specific Conductance	n/a	=	214.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2022/23-4	Wet	2/24/2023 8:05:00 AM	2/24/2023 8:05:00 AM	Temperature	n/a	=	9.5	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2022/23-4	Wet	2/24/2023 8:05:00 AM	3/1/2023 2:52:00 AM	Gasoline Range Organics	n/a	DNQ	0.087	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/24/2023 8:05:00 AM	3/21/2023 4:56:00 PM	Oil and Grease	n/a	DNQ	2.1	mg/L	EPA 1664B	0.7	4.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/7/2023 2:15:00 AM	Chloride	n/a	=	25	mg/L	EPA 300.0	0.38	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/7/2023 2:15:00 AM	Fluoride	n/a	DNQ	0.13	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/8/2023 11:55:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/10/2023 7:57:00 PM	Calcium	Total	=	41.7	mg/L	EPA 200.7	0.0736	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/10/2023 7:57:00 PM	Magnesium	Total	=	11.1	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/2/2023 2:34:00 PM	Alkalinity as CaCO3	n/a	=	60	mg/L	SM 2320 B	1.9	5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/3/2023 1:36:00 PM	BOD	n/a	=	4.9	mg/L	SM 5210 B	2	2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/13/2023 10:28:00 AM	COD	n/a	=	35	mg/L	EPA 410.4	2.9	5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/10/2023 7:57:00 PM	Hardness as CaCO3	Total	=	150	mg/L	EPA 200.7	0.344	3.31	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	2/26/2023 3:36:00 PM	MBAS	n/a	=	0.062	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/15/2023 4:00:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/8/2023 12:46:00 PM	Specific Conductance	n/a	=	410	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/2/2023 12:22:00 PM	Total Dissolved Solids	n/a	=	240	mg/L	SM 2540 C	4	10	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/2/2023 3:41:00 AM	Total Organic Carbon	n/a	=	5.4	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/2/2023 5:22:00 PM	Total Suspended Solids	n/a	=	210	mg/L	SM 2540 D	-88	5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	2/26/2023 5:06:00 PM	Turbidity	n/a	=	52	NTU	EPA 180.1	0.085	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/2/2023 5:22:00 PM	Volatile Suspended Solids	n/a	=	31	mg/L	EPA 160.4	3.1	5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 4:51:00 PM	Diesel Range Organics	n/a	=	0.28	mg/L	EPA 8015B	0.064	0.089	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 4:51:00 PM	Oil Range Organics	n/a	DNQ	0.38	mg/L	EPA 8015B	0.2	0.44	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:51:00 PM	Aluminum	Dissolved	DNQ	16	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:53:00 PM	Aluminum	Total	=	2900	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:51:00 PM	Antimony	Dissolved	DNQ	0.34	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:53:00 PM	Antimony	Total	=	0.72	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:51:00 PM	Arsenic	Dissolved	=	1.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:53:00 PM	Arsenic	Total	=	2.8	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:53:00 PM	Barium	Total	=	39	µg/L	EPA 200.8	0.14	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:51:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:53:00 PM	Beryllium	Total	=	0.13	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:51:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:53:00 PM	Cadmium	Total	=	0.24	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:51:00 PM	Chromium	Dissolved	=	0.73	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:53:00 PM	Chromium	Total	=	5.7	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/10/2023 6:56:00 PM	Chromium VI	n/a	=	0.71	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:51:00 PM	Copper	Dissolved	=	2.9	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:53:00 PM	Copper	Total	=	11	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:51:00 PM	Iron	Dissolved	=	34	µg/L	EPA 200.8	3.9	20	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:53:00 PM	Iron	Total	=	4800	µg/L	EPA 200.8	3.9	20	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:51:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:53:00 PM	Lead	Total	=	3.8	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/10/2023 11:53:00 AM	Mercury	Dissolved	DNQ	44	ng/L	EPA 245.1	37	50	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/10/2023 11:55:00 AM	Mercury	Total	=	55	ng/L	EPA 245.1	37	50	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:51:00 PM	Nickel	Dissolved	DNQ	0.8	µg/L	EPA 200.8	0.16	2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:53:00 PM	Nickel	Total	=	5	µg/L	EPA 200.8	0.4	2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:51:00 PM	Selenium	Dissolved	=	1.3	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:53:00 PM	Selenium	Total	=	1.6	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:51:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:53:00 PM	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:51:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:53:00 PM	Thallium	Total	DNQ	0.046	µg/L	EPA 200.8	0.021	0.2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:51:00 PM	Zinc	Dissolved	DNQ	5.7	µg/L	EPA 200.8	1.7	10	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/9/2023 1:53:00 PM	Zinc	Total	=	55	µg/L	EPA 200.8	1.7	10	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/13/2023 1:03:00 PM	Ammonia as N	n/a	=	0.31	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/8/2023 3:53:00 PM	Nitrate + Nitrite as N	n/a	=	0.75	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/10/2023 7:54:00 PM	Phosphorus as P	Dissolved	=	0.12	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/10/2023 7:57:00 PM	Phosphorus as P	Total	=	0.43	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/21/2023 5:49:00 PM	TKN	n/a	=	1.5	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/31/2023 2:55:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	LB-LCSR
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 4:26:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 4:26:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 4:26:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 4:26:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 4:26:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 4:26:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/31/2023 2:55:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	LB-LCSR
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 4:26:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 4:26:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 4:26:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 4:26:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 4:26:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 4:26:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/31/2023 2:55:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/31/2023 2:55:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/31/2023 2:55:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/31/2023 2:55:00 AM	Benzo(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Benzo(a)anthracene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/31/2023 2:55:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/31/2023 2:55:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/31/2023 2:55:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/31/2023 2:55:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/31/2023 2:55:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/31/2023 2:55:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/31/2023 2:55:00 AM	Fluoranthene	n/a	DNQ	0.056	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/31/2023 2:55:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/31/2023 2:55:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/31/2023 2:55:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/31/2023 2:55:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 4:26:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/31/2023 2:55:00 AM	Pyrene	n/a	DNQ	0.053	µg/L	EPA 8270C	0.04	0.1	WKL	UL-MB
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	PCB Aroclor 1016	n/a	<	0.14	µg/L	EPA 608.3	0.14	2.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608.3	0.3	2.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	PCB Aroclor 1232	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	PCB Aroclor 1242	n/a	<	0.48	µg/L	EPA 608.3	0.48	2.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	PCB Aroclor 1248	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	2.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	PCB Aroclor 1260	n/a	<	0.28	µg/L	EPA 608.3	0.28	2.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 4:39:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 4:39:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 4:39:00 AM	2,4-D	n/a	DNQ	0.27	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 4:39:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 4:39:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 4:39:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	alpha-BHC	n/a	<	0.0055	µg/L	EPA 608.3	0.0055	0.05	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 4:39:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 4:39:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 4:39:00 AM	DCEPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 4:39:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 4:39:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 4:39:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	LB-LCSR
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	Endosulfan sulfate	n/a	<	0.0065	µg/L	EPA 608.3	0.0065	0.25	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Fensulfthion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/4/2023 3:38:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Malathion	n/a	=	0.015	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 4:39:00 AM	Pentachlorophenol	n/a	DNQ	0.077	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	4/1/2023 6:16:00 PM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 4:26:00 AM	Pentachlorophenol	n/a	DNQ	0.61	µg/L	EPA 8270C	0.15	1	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 4:39:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/16/2023 1:42:00 PM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/11/2023 12:27:00 AM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
MO-SIM	2022/23-4	Wet	2/25/2023 7:30:00 AM	3/14/2023 6:53:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/20/2023 9:49:00 PM	Chloride	n/a	=	270	mg/L	EPA 300.0	3	8	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/20/2023 1:06:00 PM	Fluoride	n/a	=	0.59	mg/L	EPA 300.0	0.009	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/24/2023 3:47:00 AM	Perchlorate	n/a	<	0.39	µg/L	EPA 314.0	0.39	2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/17/2023 4:10:00 PM	E. Coli	n/a	=	256	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/17/2023 4:10:00 PM	Total Coliform	n/a	=	24196	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 3:15:00 PM	Calcium	Total	=	334	mg/L	EPA 200.7	0.147	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/25/2023 7:54:00 PM	Magnesium	Total	=	135	mg/L	EPA 200.7	0.039	0.5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/22/2023 7:20:00 PM	Alkalinity as CaCO3	n/a	=	290	mg/L	SM 2320 B	1.9	5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/22/2023 5:35:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 2:03:00 PM	COD	n/a	=	18	mg/L	EPA 410.4	2.9	5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/16/2023 9:15:00 AM	Conductivity	n/a	=	3304	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/23/2023 4:55:00 PM	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/16/2023 9:15:00 AM	DO	n/a	=	11.14	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/16/2023 9:15:00 AM	DO	n/a	=	123.6	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 3:15:00 PM	Hardness as CaCO3	Total	=	1390	mg/L	EPA 200.7	0.528	4.56	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/17/2023 5:38:00 PM	MBAS	n/a	DNQ	0.039	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/16/2023 9:15:00 AM	pH	n/a	=	8.19	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/24/2023 2:25:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/16/2023 9:15:00 AM	Salinity	n/a	=	2000	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/16/2023 9:15:00 AM	Specific Conductance	n/a	=	3685	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/7/2023 2:38:00 PM	Specific Conductance	n/a	=	3900	µmhos/cm	SM 2510 B	4.3	8	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/16/2023 9:15:00 AM	Temperature	n/a	=	19.9	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/18/2023 11:51:00 AM	Total Dissolved Solids	n/a	=	2800	mg/L	SM 2540 C	4	10	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/30/2023 4:37:00 PM	Total Organic Carbon	n/a	=	4	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/18/2023 4:06:00 PM	Total Suspended Solids	n/a	DNQ	2	mg/L	SM 2540 D	-88	5	WKL	UL-MB
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/17/2023 6:56:00 PM	Turbidity	n/a	=	0.8	NTU	EPA 180.1	0.017	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/18/2023 4:06:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/22/2023 9:22:00 PM	Diesel Range Organics	n/a	DNQ	0.097	mg/L	EPA 8015B	0.072	0.1	WKL	EST-HT
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/17/2023 10:53:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/18/2023 3:01:00 PM	Oil and Grease	n/a	DNQ	0.8	mg/L	EPA 1664B	0.6	4	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/22/2023 9:22:00 PM	Oil Range Organics	n/a	DNQ	0.23	mg/L	EPA 8015B	0.22	0.5	WKL	EST-HT
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:08:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:11:00 PM	Aluminum	Total	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:08:00 PM	Antimony	Dissolved	DNQ	0.28	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:11:00 PM	Antimony	Total	DNQ	0.27	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:08:00 PM	Arsenic	Dissolved	=	1.7	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:11:00 PM	Arsenic	Total	=	1.8	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:11:00 PM	Barium	Total	=	18	µg/L	EPA 200.8	0.14	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:08:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:11:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:08:00 PM	Beryllium	Dissolved	DNQ	0.076	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:11:00 PM	Cadmium	Total	DNQ	0.076	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:08:00 PM	Chromium	Dissolved	=	1.1	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:11:00 PM	Chromium	Total	=	1.1	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/25/2023 8:29:00 PM	Chromium VI	n/a	=	0.86	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:08:00 PM	Copper	Dissolved	=	1.1	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:11:00 PM	Copper	Total	=	1.1	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:08:00 PM	Iron	Dissolved	DNQ	11	µg/L	EPA 200.8	3.9	20	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:11:00 PM	Iron	Total	=	45	µg/L	EPA 200.8	3.9	20	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:08:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:11:00 PM	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/24/2023 1:04:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/24/2023 1:05:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:08:00 PM	Nickel	Dissolved	=	2.2	µg/L	EPA 200.8	0.16	2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:11:00 PM	Nickel	Total	=	2.2	µg/L	EPA 200.8	0.4	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:08:00 PM	Selenium	Dissolved	=	23	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:11:00 PM	Selenium	Total	=	22	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:08:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:11:00 PM	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:08:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:11:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:08:00 PM	Zinc	Dissolved	<	1.7	µg/L	EPA 200.8	1.7	10	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 12:11:00 PM	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/24/2023 3:46:00 PM	Ammonia as N	n/a	DNQ	0.025	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/17/2023 5:17:00 PM	Nitrate + Nitrite as N	n/a	=	6.7	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/25/2023 7:51:00 PM	Phosphorus as P	Dissolved	DNQ	0.029	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/25/2023 7:54:00 PM	Phosphorus as P	Total	DNQ	0.031	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/6/2023 6:00:00 PM	TKN	n/a	=	0.25	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 3:22:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 8:17:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 8:17:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 8:17:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 8:17:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	2,4-Dinitrophenol	n/a	<	4.4	µg/L	EPA 625.1	4.4	10	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 8:17:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 8:17:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 3:22:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 8:17:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 8:17:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 8:17:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 8:17:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 8:17:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 8:17:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 3:22:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 3:22:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 3:22:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 3:22:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Benz(a)anthracene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Benididine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	Benzo(a)pyrene	n/a	<	0.045	µg/L	EPA 525.2	0.045	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Benzo(a)pyrene	n/a	<	0.82	µg/L	EPA 625.1	0.82	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 3:22:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 3:22:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 3:22:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 3:22:00 AM	Benzo(k)fluoranthene	n/a	<	0.059	µg/L	EPA 8270C	0.059	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Benzo(k)fluoranthene	n/a	<	0.72	µg/L	EPA 625.1	0.72	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	LB-LCSR
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.38	µg/L	EPA 525.2	0.38	5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	5.6	µg/L	EPA 625.1	2.3	5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 3:22:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Dibenz(a,h)anthracene	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 3:22:00 AM	Dibenz(a,h)anthracene	n/a	<	0.081	µg/L	EPA 8270C	0.081	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625.1	0.18	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 3:22:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 3:22:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.66	µg/L	EPA 625.1	0.66	2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 3:22:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 3:22:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 3:22:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 8:17:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Phenol	n/a	<	0.17	µg/L	EPA 625.1	0.17	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 3:22:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	PCB Aroclor 1016	n/a	<	0.37	µg/L	EPA 608.3	0.37	2.5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	PCB Aroclor 1221	n/a	<	0.12	µg/L	EPA 608.3	0.12	2.5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	PCB Aroclor 1232	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	PCB Aroclor 1242	n/a	<	0.48	µg/L	EPA 608.3	0.48	2.5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	PCB Aroclor 1248	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	2.5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	PCB Aroclor 1260	n/a	<	0.28	µg/L	EPA 608.3	0.28	2.5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 5:02:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 5:02:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 5:02:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 5:02:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 5:02:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 5:02:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	Alachlor	n/a	<	0.063	µg/L	EPA 525.2	0.063	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	alpha-BHC	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	Atrazine	n/a	<	0.042	µg/L	EPA 525.2	0.042	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 5:02:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	Bromacil	n/a	<	0.24	µg/L	EPA 525.2	0.24	0.5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	Butachlor	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 5:02:00 AM	Dalapon	n/a	DNQ	0.19	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 5:02:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	LB-LCSR
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	LB-LCSR
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 5:02:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 5:02:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	Dimethoate	n/a	<	0.041	µg/L	EPA 525.2	0.041	0.2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 5:02:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	Disulfoton	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	LB-LCSR
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	Endosulfan sulfate	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.25	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 9:15:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	LB-LCSR
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Fensulfotion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	LB-LCSR
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/30/2023 8:49:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 9:15:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 5:02:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/26/2023 8:17:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/12/2023 2:52:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 5:02:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Ronnel (Fenclorophos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	Simazine	n/a	<	0.058	µg/L	EPA 525.2	0.058	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	LB-LCSR
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	Thiobencarb	n/a	<	0.069	µg/L	EPA 525.2	0.069	0.1	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/8/2023 12:37:00 AM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	5/27/2023 1:32:00 AM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
MO-SIM	2022/23-6	Dry	5/16/2023 9:15:00 AM	6/5/2023 10:04:00 PM	Trithion	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.1	WKL	
MO-SIM	2023-DRY	Dry	8/29/2023 8:05:00 AM	8/30/2023 3:46:00 PM	E. Coli	n/a	=	1076	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-DRY	Dry	8/29/2023 8:05:00 AM	8/30/2023 3:46:00 PM	Total Coliform	n/a	=	54750	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-SIM	2023-DRY	Dry	8/29/2023 8:05:00 AM	9/18/2023 12:26:00 PM	Calcium	Total	=	348	mg/L	EPA 200.7	0.147	1	WKL	
MO-SIM	2023-DRY	Dry	8/29/2023 8:05:00 AM	9/14/2023 8:37:00 PM	Magnesium	Total	=	128	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-SIM	2023-DRY	Dry	8/29/2023 8:05:00 AM	8/29/2023 8:05:00 AM	Conductivity	n/a	=	3406	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2023-DRY	Dry	8/29/2023 8:05:00 AM	8/29/2023 8:05:00 AM	Discharge	n/a	=	2.06	cfs	Field Estimate	-88	-88	Field Crew	Est
MO-SIM	2023-DRY	Dry	8/29/2023 8:05:00 AM	8/29/2023 8:05:00 AM	DO	n/a	=	74	%	Field Meter	-88	0.1	Field Crew	
MO-SIM	2023-DRY	Dry	8/29/2023 8:05:00 AM	8/29/2023 8:05:00 AM	DO	n/a	=	5.87	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SIM	2023-DRY	Dry	8/29/2023 8:05:00 AM	9/18/2023 12:26:00 PM	Hardness as CaCO3	Total	=	1400	mg/L	EPA 200.7	0.528	4.56	WKL	
MO-SIM	2023-DRY	Dry	8/29/2023 8:05:00 AM	8/29/2023 8:05:00 AM	pH	n/a	=	7.99	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SIM	2023-DRY	Dry	8/29/2023 8:05:00 AM	8/29/2023 8:05:00 AM	Salinity	n/a	=	2000	mg/L	Field Meter	-88	100	Field Crew	
MO-SIM	2023-DRY	Dry	8/29/2023 8:05:00 AM	8/29/2023 8:05:00 AM	Specific Conductance	n/a	=	3765	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SIM	2023-DRY	Dry	8/29/2023 8:05:00 AM	8/29/2023 8:05:00 AM	Temperature	n/a	=	20	°C	Field Meter	-88	0.1	Field Crew	
MO-SIM	2023-DRY	Dry	8/29/2023 8:05:00 AM	9/17/2023 2:44:00 PM	Total Organic Carbon	n/a	=	3.1	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-SIM	2023-DRY	Dry	8/29/2023 8:05:00 AM	8/29/2023 8:05:00 AM	Turbidity	n/a	=	1.64	NTU	Field Meter	-88	0.01	Field Crew	
MO-SIM	2023-DRY	Dry	8/29/2023 8:05:00 AM	9/13/2023 5:58:00 PM	Copper	Dissolved	=	0.65	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SIM	2023-DRY	Dry	8/29/2023 8:05:00 AM	9/13/2023 5:58:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SIM	2023-DRY	Dry	8/29/2023 8:05:00 AM	9/13/2023 5:58:00 PM	Zinc	Dissolved	<	1.7	µg/L	EPA 200.8	1.7	10	WKL	
MO-SPA	2022/23-1	Wet	11/8/2022 8:25:00 AM	11/9/2022 1:25:00 PM	E. Coli	n/a	=	10462	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SPA	2022/23-1	Wet	11/8/2022 8:25:00 AM	11/9/2022 1:25:00 PM	Total Coliform	n/a	=	870400	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-SPA	2022/23-1	Wet	11/8/2022 8:25:00 AM	11/8/2022 8:25:00 AM	Conductivity	n/a	=	203.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2022/23-1	Wet	11/8/2022 8:25:00 AM	11/18/2022 4:35:00 PM	Cyanide	Total	=	0.0066	mg/L	ASTM D7511	0.0012	0.004	WKL	D
MO-SPA	2022/23-1	Wet	11/8/2022 8:25:00 AM	11/8/2022 8:25:00 AM	DO	n/a	=	74.1	%	Field Meter	-88	0.1	Field Crew	
MO-SPA	2022/23-1	Wet	11/8/2022 8:25:00 AM	11/8/2022 8:25:00 AM	DO	n/a	=	7.23	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SPA	2022/23-1	Wet	11/8/2022 8:25:00 AM	11/8/2022 8:25:00 AM	pH	n/a	=	7.3	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SPA	2022/23-1	Wet	11/8/2022 8:25:00 AM	11/8/2022 8:25:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-SPA	2022/23-1	Wet	11/8/2022 8:25:00 AM	11/8/2022 8:25:00 AM	Specific Conductance	n/a	=	244.6	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2022/23-1	Wet	11/8/2022 8:25:00 AM	11/8/2022 8:25:00 AM	Temperature	n/a	=	16	°C	Field Meter	-88	0.1	Field Crew	
MO-SPA	2022/23-1	Wet	11/8/2022 8:25:00 AM	11/17/2022 5:42:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/8/2022 8:25:00 AM	11/22/2022 1:45:00 PM	Oil and Grease	n/a	DNQ	2.7	mg/L	EPA 1664B	0.6	4	WKL	
MO-SPA	2022/23-1	Wet	11/8/2022 8:25:00 AM	11/12/2022 3:49:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-SPA	2022/23-1	Wet	11/8/2022 8:25:00 AM	11/12/2022 3:49:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/12/2022 2:59:00 AM	Chloride	n/a	=	9.3	mg/L	EPA 300.0	0.38	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/12/2022 2:59:00 AM	Fluoride	n/a	DNQ	0.16	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/11/2022 9:58:00 AM	Perchlorate	n/a	=	9.3	µg/L	EPA 314.0	0.78	4	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 7:10:00 PM	Calcium	Total	=	24.3	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 7:10:00 PM	Magnesium	Total	=	6.32	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/12/2022 10:05:00 AM	Alkalinity as CaCO3	n/a	=	46	mg/L	SM 2320 B	1.9	5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 11:52:00 AM	BOD	n/a	=	43	mg/L	SM 5210 B	2	2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/22/2022 5:23:00 PM	COD	n/a	=	220	mg/L	EPA 410.4	2.9	5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 7:10:00 PM	Hardness as CaCO3	Total	=	86.6	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/10/2022 6:10:00 PM	MBAS	n/a	=	0.37	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/22/2022 11:44:00 AM	Phenolics	n/a	=	0.1	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/23/2022 11:04:00 AM	Specific Conductance	n/a	=	210	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/10/2022 3:38:00 PM	Total Chlorine Residual	n/a	=	0.083	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 12:02:00 PM	Total Dissolved Solids	n/a	=	180	mg/L	SM 2540 C	4	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 5:23:00 PM	Total Organic Carbon	n/a	=	34	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 2:03:00 PM	Total Suspended Solids	n/a	=	480	mg/L	SM 2540 D	-88	5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/10/2022 3:40:00 PM	Turbidity	n/a	=	180	NTU	EPA 180.1	0.17	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 2:03:00 PM	Volatile Suspended Solids	n/a	=	120	mg/L	EPA 160.4	3.1	5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/1/2022 8:46:00 AM	Diesel Range Organics	n/a	=	1.2	mg/L	EPA 8015B	0.36	0.5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/1/2022 8:46:00 AM	Oil Range Organics	n/a	DNQ	1.4	mg/L	EPA 8015B	1.1	2.5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:52:00 PM	Aluminum	Dissolved	=	39	µg/L	EPA 200.8	4.4	20	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:55:00 PM	Aluminum	Total	=	7300	µg/L	EPA 200.8	4.4	20	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:52:00 PM	Antimony	Dissolved	=	1	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:55:00 PM	Antimony	Total	=	2.6	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:52:00 PM	Arsenic	Dissolved	=	1.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:55:00 PM	Arsenic	Total	=	4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:55:00 PM	Barium	Total	=	130	µg/L	EPA 200.8	0.14	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:52:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:55:00 PM	Beryllium	Total	=	0.27	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:52:00 PM	Cadmium	Dissolved	DNQ	0.1	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:55:00 PM	Cadmium	Total	=	0.81	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:52:00 PM	Chromium	Dissolved	=	2.1	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:55:00 PM	Chromium	Total	=	15	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 2:27:00 PM	Chromium VI	n/a	=	1.4	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:52:00 PM	Copper	Dissolved	=	21	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:55:00 PM	Copper	Total	=	58	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:52:00 PM	Iron	Dissolved	=	95	µg/L	EPA 200.8	3.9	20	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 6:49:00 PM	Iron	Total	=	11000	µg/L	EPA 200.8	7.9	40	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:52:00 PM	Lead	Dissolved	=	1.1	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:55:00 PM	Lead	Total	=	33	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/21/2022 11:44:00 AM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/21/2022 11:46:00 AM	Mercury	Total	=	70	ng/L	EPA 245.1	37	50	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:52:00 PM	Nickel	Dissolved	=	5.9	µg/L	EPA 200.8	0.16	2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:55:00 PM	Nickel	Total	=	19	µg/L	EPA 200.8	0.16	2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:52:00 PM	Selenium	Dissolved	DNQ	0.38	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:55:00 PM	Selenium	Total	=	0.7	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:52:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:55:00 PM	Silver	Total	DNQ	0.14	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:52:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:55:00 PM	Thallium	Total	DNQ	0.093	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:52:00 PM	Zinc	Dissolved	=	62	µg/L	EPA 200.8	0.8	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 4:55:00 PM	Zinc	Total	=	310	µg/L	EPA 200.8	1.7	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/17/2022 4:28:00 PM	Ammonia as N	n/a	=	0.75	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/10/2022 3:29:00 PM	Nitrate + Nitrite as N	n/a	=	1.3	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/10/2022 3:29:00 PM	Nitrate as N	n/a	=	1.2	mg/L	EPA 353.2	0.04	0.2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 7:07:00 PM	Phosphorus as P	Dissolved	=	0.4	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/15/2022 7:10:00 PM	Phosphorus as P	Total	=	1.1	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/6/2022 4:27:00 PM	TKN	n/a	=	4.6	mg/L	EPA 351.2	0.26	0.4	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/3/2022 8:17:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/10/2022 4:10:00 PM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/10/2022 4:10:00 PM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/10/2022 4:10:00 PM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	2,4-Dimethylphenol	n/a	<	7.6	µg/L	EPA 625.1	7.6	10	WKL	-LCSRPD, LB-L
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/10/2022 4:10:00 PM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	LB-LCSR
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/10/2022 4:10:00 PM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	2,4-Dinitrotoluene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/10/2022 4:10:00 PM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/3/2022 8:17:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/10/2022 4:10:00 PM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/10/2022 4:10:00 PM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	3,3'-Dichlorobenzidine	n/a	<	25	µg/L	EPA 625.1	25	50	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/10/2022 4:10:00 PM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	5	µg/L	EPA 625.1	5	50	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/10/2022 4:10:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/10/2022 4:10:00 PM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/10/2022 4:10:00 PM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/3/2022 8:17:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Acenaphthylene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/3/2022 8:17:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Anthracene	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/3/2022 8:17:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/3/2022 8:17:00 AM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Benzenzidine	n/a	<	32	µg/L	EPA 625.1	32	100	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/3/2022 8:17:00 AM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/3/2022 8:17:00 AM	Benzo(b)fluoranthene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/3/2022 8:17:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/3/2022 8:17:00 AM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	4.2	µg/L	EPA 525.2	4.2	50	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	4.3	µg/L	EPA 525.2	4.1	30	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	120	µg/L	EPA 625.1	23	50	WKL	LCSRPD, HB-L
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Butyl benzyl phthalate	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/3/2022 8:17:00 AM	Chrysene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Dibenz(a,h)anthracene	n/a	<	1.5	µg/L	EPA 625.1	1.5	20	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/3/2022 8:17:00 AM	Dibenz(a,h)anthracene	n/a	<	0.36	µg/L	EPA 8270C	0.36	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Diethyl phthalate	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Di-n-butylphthalate	n/a	<	3.4	µg/L	EPA 625.1	3.4	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/3/2022 8:17:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Fluoranthene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/3/2022 8:17:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Hexachlorocyclopentadiene	n/a	<	3.1	µg/L	EPA 625.1	3.1	50	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	Hexachlorocyclopentadiene	n/a	<	0.92	µg/L	EPA 525.2	0.92	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/3/2022 8:17:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	20	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/3/2022 8:17:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/3/2022 8:17:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Phenol	n/a	<	8.1	µg/L	EPA 625.1	8.1	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/10/2022 4:10:00 PM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/3/2022 8:17:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/4/2022 1:50:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/4/2022 1:50:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/4/2022 1:50:00 PM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/4/2022 1:50:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/4/2022 1:50:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	4,4'-DDD	n/a	<	0.027	µg/L	EPA 608.3	0.027	0.5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	4,4'-DDE	n/a	DNQ	0.022	µg/L	EPA 608.3	0.018	0.5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	4,4'-DDT	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/4/2022 1:50:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	Atrazine	n/a	<	0.11	µg/L	EPA 525.2	0.11	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Azinphos methyl	n/a	<	0.053	µg/L	EPA 625.1m	0.053	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/4/2022 1:50:00 PM	Bentazon	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Bolstar	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	Bromacil	n/a	<	0.7	µg/L	EPA 525.2	0.7	5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Chlorpyrifos	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Coumaphos	n/a	<	0.055	µg/L	EPA 625.1m	0.055	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/4/2022 1:50:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/4/2022 1:50:00 PM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Demeton-O	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Demeton-S	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	Diazinon	n/a	<	0.22	µg/L	EPA 525.2	0.22	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Diazinon	n/a	DNQ	0.021	µg/L	EPA 625.1m	0.01	0.1	WKL	LB-LCSR
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/4/2022 1:50:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/4/2022 1:50:00 PM	Dichlorprop	n/a	<	0.3	µg/L	EPA 515.4	0.3	0.3	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Dichlorvos	n/a	DNQ	0.023	µg/L	EPA 625.1m	0.0093	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	Dieldrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Dimethoate	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/4/2022 1:50:00 PM	Dinoseb	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Disulfoton	n/a	<	0.017	µg/L	EPA 625.1m	0.017	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	Disulfoton	n/a	<	0.15	µg/L	EPA 525.2	0.15	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	Endosulfan I	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Ethoprop	n/a	<	0.0065	µg/L	EPA 625.1m	0.0065	0.1	WKL	LB-LCSR
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Ethyl parathion	n/a	<	0.022	µg/L	EPA 625.1m	0.022	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Fensulfothion	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Fenthion	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	gamma-BHC (Lindane)	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/22/2022 12:09:00 AM	Glyphosate	n/a	=	33	µg/L	EPA 547	1.8	5	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	Heptachlor	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	Heptachlor epoxide	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Malathion	n/a	=	0.15	µg/L	EPA 625.1m	0.021	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Merphos	n/a	<	0.055	µg/L	EPA 625.1m	0.055	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Mevinphos	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Naled	n/a	<	0.0074	µg/L	EPA 625.1m	0.0074	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/4/2022 1:50:00 PM	Pentachlorophenol	n/a	=	1	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/13/2022 4:08:00 PM	Pentachlorophenol	n/a	DNQ	4.9	µg/L	EPA 625.1	4	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/10/2022 4:10:00 PM	Pentachlorophenol	n/a	DNQ	6	µg/L	EPA 8270C	1.5	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Phorate	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	12/4/2022 1:50:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Ronnel (Fenclorophos)	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Stirophos (Tetrachlorvinphos)	n/a	DNQ	0.026	µg/L	EPA 625.1m	0.024	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Tokuthion	n/a	<	0.022	µg/L	EPA 625.1m	0.022	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/30/2022 2:32:00 AM	Toxaphene	n/a	<	10	µg/L	EPA 608.3	10	10	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/19/2022 12:29:00 AM	Trichloronate	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.1	WKL	
MO-SPA	2022/23-1	Wet	11/9/2022 10:40:00 AM	11/16/2022 9:09:00 PM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 2:55:00 AM	12/3/2022 8:30:00 AM	E. Coli	n/a	=	5794	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SPA	2022/23-2	Wet	12/2/2022 2:55:00 AM	12/3/2022 8:30:00 AM	Total Coliform	n/a	=	141360	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-SPA	2022/23-2	Wet	12/2/2022 2:55:00 AM	12/2/2022 2:55:00 AM	Conductivity	n/a	=	62.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2022/23-2	Wet	12/2/2022 2:55:00 AM	12/14/2022 1:43:00 PM	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 2:55:00 AM	12/2/2022 2:55:00 AM	DO	n/a	=	81.6	%	Field Meter	-88	0.1	Field Crew	
MO-SPA	2022/23-2	Wet	12/2/2022 2:55:00 AM	12/2/2022 2:55:00 AM	DO	n/a	=	8.77	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SPA	2022/23-2	Wet	12/2/2022 2:55:00 AM	12/2/2022 2:55:00 AM	pH	n/a	=	7.41	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SPA	2022/23-2	Wet	12/2/2022 2:55:00 AM	12/2/2022 2:55:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-SPA	2022/23-2	Wet	12/2/2022 2:55:00 AM	12/2/2022 2:55:00 AM	Specific Conductance	n/a	=	82.6	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2022/23-2	Wet	12/2/2022 2:55:00 AM	12/2/2022 2:55:00 AM	Temperature	n/a	=	12.2	°C	Field Meter	-88	0.1	Field Crew	
MO-SPA	2022/23-2	Wet	12/2/2022 2:55:00 AM	12/11/2022 6:37:00 PM	Gasoline Range Organics	n/a	DNQ	0.076	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 2:55:00 AM	12/12/2022 3:21:00 PM	Oil and Grease	n/a	DNQ	2.6	mg/L	EPA 1664B	0.6	4	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/15/2022 1:45:00 AM	Chloride	n/a	=	9.1	mg/L	EPA 300.0	0.38	1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/15/2022 1:45:00 AM	Fluoride	n/a	DNQ	0.16	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/14/2022 7:53:00 PM	Perchlorate	n/a	<	2	µg/L	EPA 314.0	2	10	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/9/2022 5:35:00 PM	Calcium	Total	=	20	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/9/2022 5:35:00 PM	Magnesium	Total	=	4.24	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/3/2022 12:36:00 PM	Alkalinity as CaCO3	n/a	=	34	mg/L	SM 2320 B	1.9	5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/7/2022 6:32:00 PM	BOD	n/a	=	55	mg/L	SM 5210 B	2	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/9/2022 3:31:00 PM	COD	n/a	=	170	mg/L	EPA 410.4	2.9	5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/9/2022 5:35:00 PM	Hardness as CaCO3	Total	=	67.4	mg/L	EPA 200.7	0.219	3.31	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/2/2022 9:16:00 PM	MBAS	n/a	=	1.1	mg/L	SM 5540 C	0.12	0.25	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/14/2022 12:21:00 PM	Phenolics	n/a	=	0.055	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/14/2022 11:44:00 AM	Specific Conductance	n/a	=	220	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/4/2022 10:44:00 AM	Total Chlorine Residual	n/a	DNQ	0.049	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/8/2022 1:39:00 PM	Total Dissolved Solids	n/a	=	180	mg/L	SM 2540 C	4	10	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/8/2022 9:09:00 AM	Total Organic Carbon	n/a	=	46	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/6/2022 5:10:00 PM	Total Suspended Solids	n/a	=	74	mg/L	SM 2540 D	-88	5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/3/2022 2:13:00 PM	Turbidity	n/a	=	20	NTU	EPA 180.1	0.017	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/6/2022 5:10:00 PM	Volatile Suspended Solids	n/a	=	32	mg/L	EPA 160.4	3.1	5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/19/2022 11:51:00 PM	Diesel Range Organics	n/a	=	1.4	mg/L	EPA 8015B	0.14	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/19/2022 11:51:00 PM	Oil Range Organics	n/a	=	1.1	mg/L	EPA 8015B	0.45	1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:30:00 PM	Aluminum	Dissolved	=	43	µg/L	EPA 200.8	4.4	20	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:33:00 PM	Aluminum	Total	=	1600	µg/L	EPA 200.8	4.4	20	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:30:00 PM	Antimony	Dissolved	=	0.96	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:30:00 PM	Antimony	Total	=	1.3	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:30:00 PM	Arsenic	Dissolved	=	1.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:33:00 PM	Arsenic	Total	=	1.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:33:00 PM	Barium	Total	=	41	µg/L	EPA 200.8	0.14	1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:30:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:33:00 PM	Beryllium	Total	DNQ	0.094	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:30:00 PM	Cadmium	Dissolved	DNQ	0.069	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:33:00 PM	Cadmium	Total	=	0.24	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:30:00 PM	Chromium	Dissolved	=	0.95	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:33:00 PM	Chromium	Total	=	4	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/6/2022 5:52:00 PM	Chromium VI	n/a	=	0.4	µg/L	EPA 218.6	0.0079	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:30:00 PM	Copper	Dissolved	=	10	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:33:00 PM	Copper	Total	=	24	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:30:00 PM	Iron	Dissolved	=	160	µg/L	EPA 200.8	3.9	20	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:33:00 PM	Iron	Total	=	2300	µg/L	EPA 200.8	3.9	20	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:30:00 PM	Lead	Dissolved	=	1.4	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:33:00 PM	Lead	Total	=	6.7	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 4:51:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 4:53:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:30:00 PM	Nickel	Dissolved	=	5.6	µg/L	EPA 200.8	0.16	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:33:00 PM	Nickel	Total	=	8.2	µg/L	EPA 200.8	0.16	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:30:00 PM	Selenium	Dissolved	=	0.53	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:33:00 PM	Selenium	Total	=	0.66	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:30:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:30:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:30:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:33:00 PM	Thallium	Total	DNQ	0.026	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:30:00 PM	Zinc	Dissolved	=	100	µg/L	EPA 200.8	0.8	10	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 6:33:00 PM	Zinc	Total	=	170	µg/L	EPA 200.8	1.7	10	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/7/2022 1:11:00 PM	Ammonia as N	n/a	=	1.1	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/3/2022 1:53:00 PM	Nitrate + Nitrite as N	n/a	=	0.69	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/9/2022 5:32:00 PM	Phosphorus as P	Dissolved	=	0.39	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/9/2022 5:35:00 PM	Phosphorus as P	Total	=	0.78	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/19/2022 5:45:00 PM	TKN	n/a	=	4.6	mg/L	EPA 351.2	0.13	0.2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/6/2023 8:20:00 AM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/9/2023 2:42:00 PM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/9/2023 2:42:00 PM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/9/2023 2:42:00 PM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/9/2023 2:42:00 PM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/9/2023 2:42:00 PM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/9/2023 2:42:00 PM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/6/2023 8:20:00 AM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/9/2023 2:42:00 PM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/9/2023 2:42:00 PM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/9/2023 2:42:00 PM	3-/4-Methylphenol	n/a	DNQ	0.61	µg/L	EPA 8270C	0.6	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/9/2023 2:42:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/9/2023 2:42:00 PM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/9/2023 2:42:00 PM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/6/2023 8:20:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/6/2023 8:20:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/6/2023 8:20:00 AM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/6/2023 8:20:00 AM	Benzo(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Benzo(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Benzidine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/6/2023 8:20:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/6/2023 8:20:00 AM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/6/2023 8:20:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/6/2023 8:20:00 AM	Benzo(k)fluoranthene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	99	µg/L	EPA 625.1	4.6	10	WKL	R
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	1.5	µg/L	EPA 525.2	0.41	3	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Butyl benzyl phthalate	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/6/2023 8:20:00 AM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/6/2023 8:20:00 AM	Dibenz(a,h)anthracene	n/a	<	0.072	µg/L	EPA 8270C	0.072	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Di-n-butylphthalate	n/a	<	0.68	µg/L	EPA 625.1	0.68	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/6/2023 8:20:00 AM	Fluoranthene	n/a	<	0.078	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/6/2023 8:20:00 AM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/6/2023 8:20:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/6/2023 8:20:00 AM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/6/2023 8:20:00 AM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/9/2023 2:42:00 PM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/6/2023 8:20:00 AM	Pyrene	n/a	<	0.08	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/11/2022 11:37:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/11/2022 11:37:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 515.4	0.2	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/11/2022 11:37:00 AM	2,4-D	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/11/2022 11:37:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/11/2022 11:37:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	4,4'-DDD	n/a	<	0.027	µg/L	EPA 608.3	0.027	0.5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	4,4'-DDE	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	4,4'-DDT	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/11/2022 11:37:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/11/2022 11:37:00 AM	Bentazon	n/a	<	4	µg/L	EPA 515.4	4	4	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/11/2022 11:37:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/11/2022 11:37:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/11/2022 11:37:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/11/2022 11:37:00 AM	Dichlorprop	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Dichlorvos	n/a	=	0.12	µg/L	EPA 625.1m	0.0009	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	Dieldrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/11/2022 11:37:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	Endosulfan I	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	gamma-BHC (Lindane)	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/6/2022 3:16:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 3:10:00 AM	Heptachlor	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	Heptachlor epoxide	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Malathion	n/a	=	0.025	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/9/2023 2:42:00 PM	Pentachlorophenol	n/a	=	2	µg/L	EPA 8270C	0.3	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/11/2022 11:37:00 AM	Pentachlorophenol	n/a	=	0.65	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	1/4/2023 11:55:00 PM	Pentachlorophenol	n/a	DNQ	1.3	µg/L	EPA 625.1	0.8	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/11/2022 11:37:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Stirophos (Tetrachlorvinphos)	n/a	DNQ	0.0025	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/28/2022 2:20:00 AM	Toxaphene	n/a	<	2.5	µg/L	EPA 608.3	2.5	5	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/13/2022 5:24:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	
MO-SPA	2022/23-2	Wet	12/2/2022 3:10:00 AM	12/17/2022 6:46:00 AM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-SPA	2022/23-4	Wet	2/24/2023 8:30:00 AM	2/25/2023 11:20:00 AM	E. Coli	n/a	=	2987	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-SPA	2022/23-4	Wet	2/24/2023 8:30:00 AM	2/25/2023 11:20:00 AM	Total Coliform	n/a	=	60150	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-SPA	2022/23-4	Wet	2/24/2023 8:30:00 AM	2/24/2023 8:30:00 AM	Conductivity	n/a	=	46.5	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2022/23-4	Wet	2/24/2023 8:30:00 AM	3/10/2023 3:22:00 PM	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-SPA	2022/23-4	Wet	2/24/2023 8:30:00 AM	2/24/2023 8:30:00 AM	DO	n/a	=	96.1	%	Field Meter	-88	0.1	Field Crew	
MO-SPA	2022/23-4	Wet	2/24/2023 8:30:00 AM	2/24/2023 8:30:00 AM	DO	n/a	=	10.88	mg/L	Field Meter	-88	0.3	Field Crew	
MO-SPA	2022/23-4	Wet	2/24/2023 8:30:00 AM	2/24/2023 8:30:00 AM	pH	n/a	=	7.56	pH Units	Field Meter	-88	0.01	Field Crew	
MO-SPA	2022/23-4	Wet	2/24/2023 8:30:00 AM	2/24/2023 8:30:00 AM	Salinity	n/a	<	100	mg/L	Field Meter	-88	100	Field Crew	
MO-SPA	2022/23-4	Wet	2/24/2023 8:30:00 AM	2/24/2023 8:30:00 AM	Specific Conductance	n/a	=	65.3	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-SPA	2022/23-4	Wet	2/24/2023 8:30:00 AM	2/24/2023 8:30:00 AM	Temperature	n/a	=	10	°C	Field Meter	-88	0.1	Field Crew	
MO-SPA	2022/23-4	Wet	2/24/2023 8:30:00 AM	3/1/2023 11:22:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-SPA	2022/23-4	Wet	2/24/2023 8:30:00 AM	3/21/2023 4:56:00 PM	Oil and Grease	n/a	=	4.1	mg/L	EPA 1664B	0.6	4	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/7/2023 1:39:00 AM	Chloride	n/a	=	2.6	mg/L	EPA 300.0	0.19	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/7/2023 1:39:00 AM	Fluoride	n/a	DNQ	0.035	mg/L	EPA 300.0	0.009	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/8/2023 11:01:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 7:46:00 PM	Calcium	Total	=	7.79	mg/L	EPA 200.7	0.0736	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 7:46:00 PM	Magnesium	Total	=	1.61	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/2/2023 2:22:00 PM	Alkalinity as CaCO3	n/a	=	35	mg/L	SM 2320 B	1.9	5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/3/2023 1:31:00 PM	BOD	n/a	=	3	mg/L	SM 5210 B	2	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/13/2023 10:28:00 AM	COD	n/a	=	53	mg/L	EPA 410.4	2.9	5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 7:46:00 PM	Hardness as CaCO3	Total	=	26.1	mg/L	EPA 200.7	0.344	3.31	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	2/26/2023 3:35:00 PM	MBAS	n/a	=	0.18	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/15/2023 3:50:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/8/2023 12:43:00 PM	Specific Conductance	n/a	=	74	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/2/2023 12:22:00 PM	Total Dissolved Solids	n/a	=	48	mg/L	SM 2540 C	4	10	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/2/2023 3:06:00 AM	Total Organic Carbon	n/a	=	6.4	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/2/2023 5:22:00 PM	Total Suspended Solids	n/a	=	96	mg/L	SM 2540 D	-88	5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	2/26/2023 5:06:00 PM	Turbidity	n/a	=	66	NTU	EPA 180.1	0.034	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/2/2023 5:22:00 PM	Volatile Suspended Solids	n/a	=	22	mg/L	EPA 160.4	3.1	5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 3:42:00 PM	Diesel Range Organics	n/a	=	0.75	mg/L	EPA 8015B	0.065	0.09	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 3:42:00 PM	Oil Range Organics	n/a	=	0.71	mg/L	EPA 8015B	0.2	0.45	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:46:00 PM	Aluminum	Dissolved	=	21	µg/L	EPA 200.8	4.4	20	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:48:00 PM	Aluminum	Total	=	2000	µg/L	EPA 200.8	4.4	20	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:46:00 PM	Antimony	Dissolved	DNQ	0.37	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:48:00 PM	Antimony	Total	=	0.84	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:46:00 PM	Arsenic	Dissolved	=	0.76	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:48:00 PM	Arsenic	Total	=	1.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:48:00 PM	Barium	Total	=	38	µg/L	EPA 200.8	0.14	1	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:46:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:48:00 PM	Beryllium	Total	DNQ	0.08	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:46:00 PM	Cadmium	Dissolved	DNQ	0.06	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:48:00 PM	Cadmium	Total	=	0.22	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:46:00 PM	Chromium	Dissolved	=	0.85	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:48:00 PM	Chromium	Total	=	4.4	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 6:44:00 PM	Chromium VI	n/a	=	0.71	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:46:00 PM	Copper	Dissolved	=	5.9	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:48:00 PM	Copper	Total	=	14	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:46:00 PM	Iron	Dissolved	=	28	µg/L	EPA 200.8	3.9	20	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:48:00 PM	Iron	Total	=	2800	µg/L	EPA 200.8	3.9	20	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:46:00 PM	Lead	Dissolved	=	0.21	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:48:00 PM	Lead	Total	=	7.2	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:45:00 AM	Mercury	Dissolved	DNQ	45	ng/L	EPA 245.1	37	50	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:47:00 AM	Mercury	Total	=	66	ng/L	EPA 245.1	37	50	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:46:00 PM	Nickel	Dissolved	DNQ	1.1	µg/L	EPA 200.8	0.16	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:48:00 PM	Nickel	Total	=	4.4	µg/L	EPA 200.8	0.4	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:46:00 PM	Selenium	Dissolved	DNQ	0.14	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:48:00 PM	Selenium	Total	DNQ	0.17	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:46:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:48:00 PM	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:46:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:48:00 PM	Thallium	Total	DNQ	0.025	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:46:00 PM	Zinc	Dissolved	=	31	µg/L	EPA 200.8	1.7	10	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/9/2023 1:48:00 PM	Zinc	Total	=	88	µg/L	EPA 200.8	1.7	10	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/13/2023 12:45:00 PM	Ammonia as N	n/a	=	0.24	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/8/2023 3:49:00 PM	Nitrate + Nitrite as N	n/a	=	0.36	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 7:43:00 PM	Phosphorus as P	Dissolved	=	0.09	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 7:46:00 PM	Phosphorus as P	Total	=	0.24	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/21/2023 5:30:00 PM	TKN	n/a	=	1.1	mg/L	EPA 351.2	0.26	0.4	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/31/2023 1:49:00 AM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	LB-LCSR
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 3:25:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 3:25:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 3:25:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 3:25:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 3:25:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 3:25:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/31/2023 1:49:00 AM	2-Methylnaphthalene	n/a	DNQ	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	LB-LCSR
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 3:25:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 3:25:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 3:25:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 3:25:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 3:25:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 3:25:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/31/2023 1:49:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/31/2023 1:49:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/31/2023 1:49:00 AM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/31/2023 1:49:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Benzidine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/31/2023 1:49:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/31/2023 1:49:00 AM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/31/2023 1:49:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.11	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/31/2023 1:49:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.092	µg/L	EPA 8270C	0.052	0.2	WKL	ANI
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Bis(2-ethylhexyl)phthalate	n/a	=	13	µg/L	EPA 625.1	4.6	10	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Butyl benzyl phthalate	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/31/2023 1:49:00 AM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/31/2023 1:49:00 AM	Dibenz(a,h)anthracene	n/a	<	0.072	µg/L	EPA 8270C	0.072	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Di-n-butylphthalate	n/a	<	0.68	µg/L	EPA 625.1	0.68	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/31/2023 1:49:00 AM	Fluoranthene	n/a	DNQ	0.14	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/31/2023 1:49:00 AM	Fluorene	n/a	DNQ	0.083	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/31/2023 1:49:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/31/2023 1:49:00 AM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/31/2023 1:49:00 AM	Phenanthrene	n/a	DNQ	0.076	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 3:25:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/31/2023 1:49:00 AM	Pyrene	n/a	DNQ	0.13	µg/L	EPA 8270C	0.08	0.2	WKL	UL-MB
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	PCB Aroclor 1016	n/a	<	0.29	µg/L	EPA 608.3	0.29	5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	PCB Aroclor 1221	n/a	<	0.6	µg/L	EPA 608.3	0.6	5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	PCB Aroclor 1232	n/a	<	0.83	µg/L	EPA 608.3	0.83	5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	PCB Aroclor 1242	n/a	<	0.95	µg/L	EPA 608.3	0.95	5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	PCB Aroclor 1248	n/a	<	0.83	µg/L	EPA 608.3	0.83	5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	PCB Aroclor 1254	n/a	<	0.4	µg/L	EPA 608.3	0.4	5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	PCB Aroclor 1260	n/a	<	0.55	µg/L	EPA 608.3	0.55	5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 3:47:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 3:47:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 3:47:00 AM	2,4-D	n/a	=	0.56	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 3:47:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 3:47:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	4,4'-DDD	n/a	<	0.027	µg/L	EPA 608.3	0.027	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	4,4'-DDE	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	4,4'-DDT	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.1	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 3:47:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 3:47:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 3:47:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 3:47:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 3:47:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 3:47:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	Dieldrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 3:47:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	Endosulfan I	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.2	WKL	LB-LCSR
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Fensulfothion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	gamma-BHC (Lindane)	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/4/2023 3:13:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	Heptachlor	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	Heptachlor epoxide	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.1	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Malathion	n/a	DNQ	0.0089	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 3:47:00 AM	Pentachlorophenol	n/a	=	0.7	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	4/1/2023 5:17:00 PM	Pentachlorophenol	n/a	DNQ	0.98	µg/L	EPA 625.1	0.8	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 3:25:00 AM	Pentachlorophenol	n/a	DNQ	1.4	µg/L	EPA 8270C	0.3	2	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 3:47:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/16/2023 12:41:00 PM	Toxaphene	n/a	<	0.85	µg/L	EPA 608.3	0.85	5	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/10/2023 11:42:00 PM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
MO-SPA	2022/23-4	Wet	2/25/2023 7:05:00 AM	3/14/2023 6:01:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-THO	2022/23-1	Wet	11/8/2022 12:00:00 PM	11/9/2022 5:00:00 PM	E. Coli	n/a	=	14136	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2022/23-1	Wet	11/8/2022 12:00:00 PM	11/9/2022 5:00:00 PM	Total Coliform	n/a	=	275500	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-THO	2022/23-1	Wet	11/8/2022 12:00:00 PM	11/8/2022 12:00:00 PM	Conductivity	n/a	=	550	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2022/23-1	Wet	11/8/2022 12:00:00 PM	11/18/2022 2:45:00 PM	Cyanide	Total	=	0.0053	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-THO	2022/23-1	Wet	11/8/2022 12:00:00 PM	11/8/2022 12:00:00 PM	DO	n/a	=	68.2	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2022/23-1	Wet	11/8/2022 12:00:00 PM	11/8/2022 12:00:00 PM	DO	n/a	=	7.16	mg/L	Field Meter	-88	0.3	Field Crew	
MO-THO	2022/23-1	Wet	11/8/2022 12:00:00 PM	11/8/2022 12:00:00 PM	pH	n/a	=	7.7	pH Units	Field Meter	-88	0.01	Field Crew	
MO-THO	2022/23-1	Wet	11/8/2022 12:00:00 PM	11/8/2022 12:00:00 PM	Salinity	n/a	=	300	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-THO	2022/23-1	Wet	11/8/2022 12:00:00 PM	11/8/2022 12:00:00 PM	Specific Conductance	n/a	=	693	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2022/23-1	Wet	11/8/2022 12:00:00 PM	11/8/2022 12:00:00 PM	Temperature	n/a	=	14.1	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2022/23-1	Wet	11/8/2022 12:00:00 PM	11/17/2022 4:20:00 PM	Gasoline Range Organics	n/a	DNQ	0.089	mg/L	EPA 8260B	0.065	0.1	WKL	UL-MB, IPND
MO-THO	2022/23-1	Wet	11/8/2022 12:00:00 PM	11/29/2022 1:08:00 PM	Oil and Grease	n/a	DNQ	2.3	mg/L	EPA 1664B	0.6	4	WKL	
MO-THO	2022/23-1	Wet	11/8/2022 12:00:00 PM	11/12/2022 12:06:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.38	µg/L	EPA 624.1	0.38	2	WKL	DG
MO-THO	2022/23-1	Wet	11/8/2022 12:00:00 PM	11/12/2022 12:06:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.8	µg/L	EPA 624.1	0.8	2	WKL	DG
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/12/2022 4:11:00 AM	Chloride	n/a	=	110	mg/L	EPA 300.0	0.38	1	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/12/2022 4:11:00 AM	Fluoride	n/a	=	0.21	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/11/2022 12:13:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 6:22:00 PM	Calcium	Total	=	77.8	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 6:22:00 PM	Magnesium	Total	=	49.5	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/12/2022 10:52:00 AM	Alkalinity as CaCO3	n/a	=	130	mg/L	SM 2320 B	1.9	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/15/2022 12:04:00 PM	BOD	n/a	=	26	mg/L	SM 5210 B	2	2	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/22/2022 5:24:00 PM	COD	n/a	=	190	mg/L	EPA 410.4	2.9	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 6:22:00 PM	Hardness as CaCO3	Total	=	398	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/10/2022 6:11:00 PM	MBAS	n/a	=	0.072	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/22/2022 11:52:00 AM	Phenolics	n/a	=	0.039	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/23/2022 11:14:00 AM	Specific Conductance	n/a	=	900	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/10/2022 3:42:00 PM	Total Chlorine Residual	n/a	=	0.054	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/15/2022 6:58:00 PM	Total Dissolved Solids	n/a	=	560	mg/L	SM 2540 C	4	10	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 7:32:00 PM	Total Organic Carbon	n/a	=	14	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 2:03:00 PM	Total Suspended Solids	n/a	=	1400	mg/L	SM 2540 D	-88	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/10/2022 3:43:00 PM	Turbidity	n/a	=	130	NTU	EPA 180.1	0.17	1	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 2:03:00 PM	Volatile Suspended Solids	n/a	=	280	mg/L	EPA 160.4	3.1	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/1/2022 10:29:00 AM	Diesel Range Organics	n/a	=	0.36	mg/L	EPA 8015B	0.14	0.2	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/1/2022 10:29:00 AM	Oil Range Organics	n/a	DNQ	0.54	mg/L	EPA 8015B	0.45	1	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:09:00 PM	Aluminum	Dissolved	DNQ	9.5	µg/L	EPA 200.8	4.4	20	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:14:00 PM	Aluminum	Total	=	14000	µg/L	EPA 200.8	8.9	40	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:09:00 PM	Antimony	Dissolved	=	0.61	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:14:00 AM	Antimony	Total	DNQ	0.84	µg/L	EPA 200.8	0.18	1	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:09:00 PM	Arsenic	Dissolved	=	2.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:14:00 PM	Arsenic	Total	=	5.3	µg/L	EPA 200.8	0.15	0.8	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:14:00 PM	Barium	Total	=	100	µg/L	EPA 200.8	0.28	2	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:09:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:14:00 PM	Beryllium	Total	=	0.39	µg/L	EPA 200.8	0.057	0.2	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:09:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:14:00 PM	Cadmium	Total	=	0.99	µg/L	EPA 200.8	0.084	0.4	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:09:00 PM	Chromium	Dissolved	=	0.24	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:14:00 PM	Chromium	Total	=	37	µg/L	EPA 200.8	0.18	0.4	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/15/2022 3:03:00 PM	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:09:00 PM	Copper	Dissolved	=	2.3	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:14:00 PM	Copper	Total	=	36	µg/L	EPA 200.8	0.46	1	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:09:00 PM	Iron	Dissolved	=	78	µg/L	EPA 200.8	3.9	20	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:14:00 PM	Iron	Total	=	19000	µg/L	EPA 200.8	7.9	40	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:09:00 PM	Lead	Dissolved	DNQ	0.1	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:14:00 PM	Lead	Total	=	9	µg/L	EPA 200.8	0.17	0.4	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/21/2022 12:03:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/21/2022 12:05:00 PM	Mercury	Total	=	65	ng/L	EPA 245.1	37	50	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:09:00 PM	Nickel	Dissolved	=	3	µg/L	EPA 200.8	0.16	2	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:14:00 PM	Nickel	Total	=	36	µg/L	EPA 200.8	0.33	4	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:09:00 PM	Selenium	Dissolved	=	1.2	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:14:00 PM	Selenium	Total	=	2.4	µg/L	EPA 200.8	0.13	0.8	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:09:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:14:00 PM	Silver	Total	<	0.26	µg/L	EPA 200.8	0.26	0.4	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:09:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:14:00 PM	Thallium	Total	DNQ	0.16	µg/L	EPA 200.8	0.042	0.4	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:09:00 PM	Zinc	Dissolved	DNQ	4.5	µg/L	EPA 200.8	0.8	10	WKL	UL-MB
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 2:14:00 PM	Zinc	Total	=	140	µg/L	EPA 200.8	3.3	20	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/17/2022 4:37:00 PM	Ammonia as N	n/a	=	0.22	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/10/2022 5:31:00 PM	Nitrate + Nitrite as N	n/a	=	0.84	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/10/2022 5:31:00 PM	Nitrate as N	n/a	=	0.81	mg/L	EPA 353.2	0.04	0.2	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 6:19:00 PM	Phosphorus as P	Dissolved	=	0.15	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 6:22:00 PM	Phosphorus as P	Total	=	1.1	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/6/2022 5:22:00 PM	TKN	n/a	=	5.5	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	1,2,4-Trichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	1,2-Dichlorobenzene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	1,2-Diphenylhydrazine	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	1,3-Dichlorobenzene	n/a	<	2.1	µg/L	EPA 625.1	2.1	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	1,4-Dichlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 10:28:00 AM	1-Methylnaphthalene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 6:09:00 PM	2,4,5-Trichlorophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	2,4,6-Trichlorophenol	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 6:09:00 PM	2,4,6-Trichlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 6:09:00 PM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 8270C	2.6	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	2,4-Dichlorophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	2,4-Dimethylphenol	n/a	<	3.8	µg/L	EPA 625.1	3.8	5	WKL	-LCSRPD, LB-L
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 6:09:00 PM	2,4-Dimethylphenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	LB-LCSR
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	2,4-Dinitrophenol	n/a	<	9.4	µg/L	EPA 625.1	9.4	50	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 6:09:00 PM	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	2,4-Dinitrotoluene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	2,6-Dinitrotoluene	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	2-Chloronaphthalene	n/a	<	2.2	µg/L	EPA 625.1	2.2	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	2-Chlorophenol	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 6:09:00 PM	2-Chlorophenol	n/a	<	3.2	µg/L	EPA 8270C	3.2	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 10:28:00 AM	2-Methylnaphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 6:09:00 PM	2-Methylphenol	n/a	<	1.7	µg/L	EPA 8270C	1.7	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	2-Nitrophenol	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 6:09:00 PM	2-Nitrophenol	n/a	<	3.6	µg/L	EPA 8270C	3.6	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	3,3'-Dichlorobenzidine	n/a	<	12	µg/L	EPA 625.1	12	25	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 6:09:00 PM	3-/4-Methylphenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	25	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 6:09:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	4-Bromophenyl phenyl ether	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	4-Chloro-3-methylphenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 6:09:00 PM	4-Chloro-3-methylphenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	4-Chlorophenyl phenyl ether	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	4-Nitrophenol	n/a	<	6.2	µg/L	EPA 625.1	6.2	25	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 6:09:00 PM	4-Nitrophenol	n/a	<	5	µg/L	EPA 8270C	5	10	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Acenaphthene	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 10:28:00 AM	Acenaphthene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 10:28:00 AM	Acenaphthylene	n/a	<	0.16	µg/L	EPA 8270C	0.16	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Acenaphthylene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Anthracene	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 10:28:00 AM	Anthracene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Benz(a)anthracene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 10:28:00 AM	Benz(a)anthracene	n/a	<	0.26	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Benzidine	n/a	<	16	µg/L	EPA 625.1	16	50	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	Benzo(a)pyrene	n/a	DNQ	0.14	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Benzo(a)pyrene	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 10:28:00 AM	Benzo(a)pyrene	n/a	<	0.26	µg/L	EPA 8270C	0.26	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Benzo(b)fluoranthene	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 10:28:00 AM	Benzo(b)fluoranthene	n/a	<	0.37	µg/L	EPA 8270C	0.37	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Benzo(g,h,i)perylene	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 10:28:00 AM	Benzo(g,h,i)perylene	n/a	<	0.25	µg/L	EPA 8270C	0.25	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 10:28:00 AM	Benzo(k)fluoranthene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Benzo(k)fluoranthene	n/a	<	1.1	µg/L	EPA 625.1	1.1	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Bis(2-chloroethoxy)methane	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Bis(2-chloroethyl)ether	n/a	<	1.4	µg/L	EPA 625.1	1.4	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	1.9	µg/L	EPA 625.1	1.9	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	170	µg/L	EPA 625.1	12	25	WKL	-LCSRPD, HB-L
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Butyl benzyl phthalate	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Chrysene	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 10:28:00 AM	Chrysene	n/a	<	0.37	µg/L	EPA 8270C	0.37	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Dibenz(a,h)anthracene	n/a	<	0.75	µg/L	EPA 625.1	0.75	10	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 10:28:00 AM	Dibenz(a,h)anthracene	n/a	<	0.18	µg/L	EPA 8270C	0.18	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Diethyl phthalate	n/a	<	1.7	µg/L	EPA 625.1	1.7	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Dimethyl phthalate	n/a	=	5.3	µg/L	EPA 625.1	0.9	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Di-n-butylphthalate	n/a	<	1.7	µg/L	EPA 625.1	1.7	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Di-n-octylphthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 10:28:00 AM	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Fluoranthene	n/a	<	1.7	µg/L	EPA 625.1	1.7	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Fluorene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 10:28:00 AM	Fluorene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Hexachlorobenzene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Hexachlorobutadiene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Hexachlorocyclopentadiene	n/a	<	1.6	µg/L	EPA 625.1	1.6	25	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Hexachloroethane	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 10:28:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.32	µg/L	EPA 8270C	0.32	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1.2	µg/L	EPA 625.1	1.2	10	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Isophorone	n/a	<	1	µg/L	EPA 625.1	1	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Naphthalene	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 10:28:00 AM	Naphthalene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Nitrobenzene	n/a	<	1.8	µg/L	EPA 625.1	1.8	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	N-Nitrosodimethylamine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	N-Nitrosodi-N-propylamine	n/a	<	1.3	µg/L	EPA 625.1	1.3	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	N-Nitrosodiphenylamine	n/a	<	0.95	µg/L	EPA 625.1	0.95	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 10:28:00 AM	Phenanthrene	n/a	<	0.14	µg/L	EPA 8270C	0.14	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Phenanthrene	n/a	<	1.6	µg/L	EPA 625.1	1.6	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 6:09:00 PM	Phenol	n/a	<	1.8	µg/L	EPA 8270C	1.8	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Phenol	n/a	<	4.1	µg/L	EPA 625.1	4.1	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/3/2022 10:28:00 AM	Pyrene	n/a	<	0.2	µg/L	EPA 8270C	0.2	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Pyrene	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 3:35:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 3:35:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 3:35:00 PM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 3:35:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 3:35:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	4,4'-DDD	n/a	<	0.027	µg/L	EPA 608.3	0.027	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	4,4'-DDE	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	4,4'-DDT	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.1	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 3:35:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Azinphos methyl	n/a	<	0.026	µg/L	EPA 625.1m	0.026	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 3:35:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Bolstar	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Chlorpyrifos	n/a	<	0.0067	µg/L	EPA 625.1m	0.0067	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Coumaphos	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 3:35:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 3:35:00 PM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Demeton-O	n/a	<	0.0097	µg/L	EPA 625.1m	0.0097	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Demeton-S	n/a	<	0.0072	µg/L	EPA 625.1m	0.0072	0.05	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Diazinon	n/a	DNQ	0.011	µg/L	EPA 625.1m	0.0051	0.05	WKL	LB-LCSR
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 3:35:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 3:35:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Dichlorvos	n/a	DNQ	0.011	µg/L	EPA 625.1m	0.0046	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	Dieldrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Dimethoate	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 3:35:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Disulfoton	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	Endosulfan I	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.2	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Ethoprop	n/a	<	0.0033	µg/L	EPA 625.1m	0.0033	0.05	WKL	LB-LCSR
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Ethyl parathion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Fensulfthion	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Fenthion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	gamma-BHC (Lindane)	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.2	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/22/2022 12:46:00 AM	Glyphosate	n/a	DNQ	2.3	µg/L	EPA 547	1.8	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	Heptachlor	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	Heptachlor epoxide	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.1	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Malathion	n/a	DNQ	0.015	µg/L	EPA 625.1m	0.011	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Merphos	n/a	<	0.028	µg/L	EPA 625.1m	0.028	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Methyl parathion	n/a	<	0.0065	µg/L	EPA 625.1m	0.0065	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Mevinphos	n/a	<	0.0065	µg/L	EPA 625.1m	0.0065	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Naled	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 3:35:00 PM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/10/2022 6:09:00 PM	Pentachlorophenol	n/a	<	0.75	µg/L	EPA 8270C	0.75	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/13/2022 6:04:00 AM	Pentachlorophenol	n/a	<	2	µg/L	EPA 625.1	2	5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Phorate	n/a	<	0.007	µg/L	EPA 625.1m	0.007	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	12/4/2022 3:35:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Ronnel (Fenclorophos)	n/a	<	0.007	µg/L	EPA 625.1m	0.007	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.012	µg/L	EPA 625.1m	0.012	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Tokuthion	n/a	<	0.011	µg/L	EPA 625.1m	0.011	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/30/2022 4:33:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/19/2022 1:59:00 AM	Trichloronate	n/a	<	0.008	µg/L	EPA 625.1m	0.008	0.05	WKL	
MO-THO	2022/23-1	Wet	11/9/2022 11:20:00 AM	11/16/2022 10:55:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 5:10:00 AM	12/3/2022 7:55:00 AM	E. Coli	n/a	=	97	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2022/23-2	Wet	12/2/2022 5:10:00 AM	12/3/2022 7:55:00 AM	Total Coliform	n/a	=	8164	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2022/23-2	Wet	12/2/2022 5:10:00 AM	12/2/2022 5:10:00 AM	Conductivity	n/a	=	1377	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2022/23-2	Wet	12/2/2022 5:10:00 AM	12/12/2022 7:14:00 PM	Cyanide	Total	DNQ	0.0015	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 5:10:00 AM	12/2/2022 5:10:00 AM	DO	n/a	=	79.6	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2022/23-2	Wet	12/2/2022 5:10:00 AM	12/2/2022 5:10:00 AM	DO	n/a	=	8.89	mg/L	Field Meter	-88	0.3	Field Crew	
MO-THO	2022/23-2	Wet	12/2/2022 5:10:00 AM	12/2/2022 5:10:00 AM	pH	n/a	=	8.16	pH Units	Field Meter	-88	0.01	Field Crew	
MO-THO	2022/23-2	Wet	12/2/2022 5:10:00 AM	12/2/2022 5:10:00 AM	Salinity	n/a	=	1000	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2022/23-2	Wet	12/2/2022 5:10:00 AM	12/2/2022 5:10:00 AM	Specific Conductance	n/a	=	1922	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2022/23-2	Wet	12/2/2022 5:10:00 AM	12/2/2022 5:10:00 AM	Temperature	n/a	=	10.2	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2022/23-2	Wet	12/2/2022 5:10:00 AM	12/12/2022 8:43:00 AM	Gasoline Range Organics	n/a	DNQ	0.098	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 5:10:00 AM	12/12/2022 3:21:00 PM	Oil and Grease	n/a	DNQ	0.7	mg/L	EPA 1664B	0.6	4	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/15/2022 2:57:00 AM	Chloride	n/a	=	260	mg/L	EPA 300.0	0.38	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/15/2022 2:57:00 AM	Fluoride	n/a	=	0.35	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/10/2022 2:37:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/9/2022 6:04:00 PM	Calcium	Total	=	115	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/9/2022 6:04:00 PM	Magnesium	Total	=	101	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/8/2022 7:00:00 PM	Alkalinity as CaCO3	n/a	=	360	mg/L	SM 2320 B	1.9	5	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/7/2022 6:42:00 PM	BOD	n/a	=	3.4	mg/L	SM 5210 B	2	2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/9/2022 3:23:00 PM	COD	n/a	=	14	mg/L	EPA 410.4	2.9	5	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/9/2022 6:04:00 PM	Hardness as CaCO3	Total	=	704	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/2/2022 9:16:00 PM	MBAS	n/a	<	0.023	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/14/2022 12:25:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/14/2022 11:54:00 AM	Specific Conductance	n/a	=	2000	µmhos/cm	SM 2510 B	3.2	6	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/4/2022 10:47:00 AM	Total Chlorine Residual	n/a	DNQ	0.044	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/8/2022 1:39:00 PM	Total Dissolved Solids	n/a	=	1300	mg/L	SM 2540 C	4	10	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/8/2022 10:28:00 AM	Total Organic Carbon	n/a	=	3.7	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/6/2022 5:10:00 PM	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	-88	5	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/3/2022 2:13:00 PM	Turbidity	n/a	=	1.2	NTU	EPA 180.1	0.017	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/6/2022 5:10:00 PM	Volatile Suspended Solids	n/a	DNQ	4	mg/L	EPA 160.4	3.1	5	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/20/2022 2:10:00 AM	Diesel Range Organics	n/a	<	0.072	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/20/2022 2:10:00 AM	Oil Range Organics	n/a	<	0.22	mg/L	EPA 8015B	0.22	0.5	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:47:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:50:00 PM	Aluminum	Total	=	76	µg/L	EPA 200.8	4.4	20	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:47:00 PM	Antimony	Dissolved	DNQ	0.18	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:50:00 PM	Antimony	Total	DNQ	0.18	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:47:00 PM	Arsenic	Dissolved	=	2.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:50:00 PM	Arsenic	Total	=	2.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:50:00 PM	Barium	Total	=	24	µg/L	EPA 200.8	0.14	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:47:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:50:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:47:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:50:00 PM	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:47:00 PM	Chromium	Dissolved	DNQ	0.18	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:50:00 PM	Chromium	Total	=	0.4	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/6/2022 6:39:00 PM	Chromium VI	n/a	=	0.094	µg/L	EPA 218.6	0.0079	0.02	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:47:00 PM	Copper	Dissolved	=	0.75	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:50:00 PM	Copper	Total	=	0.82	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:47:00 PM	Iron	Dissolved	DNQ	7	µg/L	EPA 200.8	3.9	20	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:50:00 PM	Iron	Total	=	110	µg/L	EPA 200.8	3.9	20	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:47:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:50:00 PM	Lead	Total	DNQ	0.093	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 5:24:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 5:26:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:47:00 PM	Nickel	Dissolved	DNQ	1.4	µg/L	EPA 200.8	0.16	2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:50:00 PM	Nickel	Total	DNQ	1.6	µg/L	EPA 200.8	0.16	2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:47:00 PM	Selenium	Dissolved	=	1.2	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:50:00 PM	Selenium	Total	=	1.2	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:47:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:50:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:47:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:50:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:47:00 PM	Zinc	Dissolved	DNQ	2.3	µg/L	EPA 200.8	0.8	10	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:50:00 PM	Zinc	Total	DNQ	2.5	µg/L	EPA 200.8	1.7	10	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/7/2022 1:33:00 PM	Ammonia as N	n/a	DNQ	0.091	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/3/2022 1:58:00 PM	Nitrate + Nitrite as N	n/a	DNQ	0.13	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/9/2022 6:01:00 PM	Phosphorus as P	Dissolved	DNQ	0.049	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/9/2022 6:04:00 PM	Phosphorus as P	Total	=	0.07	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/19/2022 6:08:00 PM	TKN	n/a	=	0.43	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/6/2023 10:30:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/9/2023 4:38:00 PM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/9/2023 4:38:00 PM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/9/2023 4:38:00 PM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/9/2023 4:38:00 PM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/9/2023 4:38:00 PM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/9/2023 4:38:00 PM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/6/2023 10:30:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/9/2023 4:38:00 PM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/9/2023 4:38:00 PM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/9/2023 4:38:00 PM	3-4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/9/2023 4:38:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/9/2023 4:38:00 PM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/9/2023 4:38:00 PM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/6/2023 10:30:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/6/2023 10:30:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/6/2023 10:30:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/6/2023 10:30:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/6/2023 10:30:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/6/2023 10:30:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/6/2023 10:30:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/6/2023 10:30:00 AM	Benzo(k)fluoranthene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	17	µg/L	EPA 625.1	2.3	5	WKL	R
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/6/2023 10:30:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/6/2023 10:30:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Dimethyl phthalate	n/a	=	4.3	µg/L	EPA 625.1	0.18	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/6/2023 10:30:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/6/2023 10:30:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/6/2023 10:30:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/6/2023 10:30:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/6/2023 10:30:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/9/2023 4:38:00 PM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/6/2023 10:30:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	PCB Aroclor 1016	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	PCB Aroclor 1221	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	PCB Aroclor 1232	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	PCB Aroclor 1242	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	PCB Aroclor 1248	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	PCB Aroclor 1254	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	PCB Aroclor 1260	n/a	<	1	µg/L	EPA 608.3	1	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/11/2022 1:46:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/11/2022 1:46:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/11/2022 1:46:00 PM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/11/2022 1:46:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/11/2022 1:46:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	4,4'-DDD	n/a	<	0.0054	µg/L	EPA 608.3	0.0054	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	4,4'-DDE	n/a	<	0.0036	µg/L	EPA 608.3	0.0036	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	4,4'-DDT	n/a	<	0.0056	µg/L	EPA 608.3	0.0056	0.02	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/11/2022 1:46:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	Aldrin	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	alpha-BHC	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	alpha-Chlordane	n/a	<	0.0058	µg/L	EPA 608.3	0.0058	0.02	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/11/2022 1:46:00 PM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	beta-BHC	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	Chlordane (technical)	n/a	<	0.086	µg/L	EPA 608.3	0.086	0.2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/11/2022 1:46:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/11/2022 1:46:00 PM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	delta-BHC	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/11/2022 1:46:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/11/2022 1:46:00 PM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Dichlorvos	n/a	<	0.0009	µg/L	EPA 625.1m	0.0009	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	Dieldrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/11/2022 1:46:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	Endosulfan I	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.04	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	Endosulfan II	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	Endosulfan sulfate	n/a	<	0.0026	µg/L	EPA 608.3	0.0026	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	Endrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	Endrin aldehyde	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Fensulfthion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	gamma-BHC (Lindane)	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.04	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	gamma-Chlordane	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/6/2022 4:20:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	Heptachlor	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	Heptachlor epoxide	n/a	<	0.0036	µg/L	EPA 608.3	0.0036	0.02	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/9/2023 4:38:00 PM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/11/2022 1:46:00 PM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	1/5/2023 1:56:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/11/2022 1:46:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Ronnel (Fenclorophos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/28/2022 4:22:00 AM	Toxaphene	n/a	<	0.5	µg/L	EPA 608.3	0.5	1	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/13/2022 6:53:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	
MO-THO	2022/23-2	Wet	12/2/2022 9:50:00 AM	12/17/2022 8:29:00 AM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-THO	2022/23-4	Wet	2/24/2023 7:15:00 AM	2/25/2023 12:20:00 PM	E. Coli	n/a	=	2187	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2022/23-4	Wet	2/24/2023 7:15:00 AM	2/25/2023 12:20:00 PM	Total Coliform	n/a	=	43520	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-THO	2022/23-4	Wet	2/24/2023 7:15:00 AM	2/24/2023 7:15:00 AM	Conductivity	n/a	=	201.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2022/23-4	Wet	2/24/2023 7:15:00 AM	3/10/2023 3:19:00 PM	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-THO	2022/23-4	Wet	2/24/2023 7:15:00 AM	2/24/2023 7:15:00 AM	DO	n/a	=	109	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2022/23-4	Wet	2/24/2023 7:15:00 AM	2/24/2023 7:15:00 AM	DO	n/a	=	11.5	mg/L	Field Meter	-88	0.3	Field Crew	
MO-THO	2022/23-4	Wet	2/24/2023 7:15:00 AM	2/24/2023 7:15:00 AM	pH	n/a	=	7.94	pH Units	Field Meter	-88	0.01	Field Crew	
MO-THO	2022/23-4	Wet	2/24/2023 7:15:00 AM	2/24/2023 7:15:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2022/23-4	Wet	2/24/2023 7:15:00 AM	2/24/2023 7:15:00 AM	Specific Conductance	n/a	=	286	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2022/23-4	Wet	2/24/2023 7:15:00 AM	2/24/2023 7:15:00 AM	Temperature	n/a	=	9.4	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2022/23-4	Wet	2/24/2023 7:15:00 AM	3/1/2023 10:56:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-THO	2022/23-4	Wet	2/24/2023 7:15:00 AM	3/17/2023 4:58:00 PM	Oil and Grease	n/a	DNQ	1	mg/L	EPA 1664B	0.6	4	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/7/2023 2:51:00 AM	Chloride	n/a	=	44	mg/L	EPA 300.0	0.38	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/7/2023 2:51:00 AM	Fluoride	n/a	DNQ	0.13	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/8/2023 1:15:00 PM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 5:52:00 PM	Calcium	Total	=	29.8	mg/L	EPA 200.7	0.0736	0.5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 5:52:00 PM	Magnesium	Total	=	19.1	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/2/2023 3:03:00 PM	Alkalinity as CaCO3	n/a	=	91	mg/L	SM 2320 B	1.9	5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/3/2023 1:42:00 PM	BOD	n/a	=	7	mg/L	SM 5210 B	2	2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 10:29:00 AM	COD	n/a	=	40	mg/L	EPA 410.4	2.9	5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 5:52:00 PM	Hardness as CaCO3	Total	=	153	mg/L	EPA 200.7	0.344	3.31	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	2/26/2023 3:44:00 PM	MBAS	n/a	=	0.05	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/15/2023 4:03:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/8/2023 12:49:00 PM	Specific Conductance	n/a	=	440	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/2/2023 12:22:00 PM	Total Dissolved Solids	n/a	=	250	mg/L	SM 2540 C	4	10	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/2/2023 5:08:00 AM	Total Organic Carbon	n/a	=	5.2	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/2/2023 5:22:00 PM	Total Suspended Solids	n/a	=	430	mg/L	SM 2540 D	-88	5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	2/26/2023 5:06:00 PM	Turbidity	n/a	=	110	NTU	EPA 180.1	0.17	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/2/2023 5:22:00 PM	Volatile Suspended Solids	n/a	=	39	mg/L	EPA 160.4	3.1	5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 6:00:00 PM	Diesel Range Organics	n/a	=	0.29	mg/L	EPA 8015B	0.062	0.086	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 6:00:00 PM	Oil Range Organics	n/a	DNQ	0.41	mg/L	EPA 8015B	0.19	0.43	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:25:00 PM	Aluminum	Dissolved	DNQ	19	µg/L	EPA 200.8	4.4	20	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:28:00 PM	Aluminum	Total	=	4500	µg/L	EPA 200.8	4.4	20	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:25:00 PM	Antimony	Dissolved	DNQ	0.29	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:28:00 PM	Antimony	Total	DNQ	0.49	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:25:00 PM	Arsenic	Dissolved	=	1.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:28:00 PM	Arsenic	Total	=	2.2	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:28:00 PM	Barium	Total	=	31	µg/L	EPA 200.8	0.14	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:25:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:28:00 PM	Beryllium	Total	=	0.12	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:25:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:28:00 PM	Cadmium	Total	=	0.26	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:25:00 PM	Chromium	Dissolved	=	0.47	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:28:00 PM	Chromium	Total	=	12	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/6/2023 10:06:00 PM	Chromium VI	n/a	=	0.39	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:25:00 PM	Copper	Dissolved	=	2.2	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:28:00 PM	Copper	Total	=	9.6	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:25:00 PM	Iron	Dissolved	=	35	µg/L	EPA 200.8	3.9	20	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:28:00 PM	Iron	Total	=	6200	µg/L	EPA 200.8	3.9	20	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:25:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:28:00 PM	Lead	Total	=	2.3	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/10/2023 12:08:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/10/2023 12:10:00 PM	Mercury	Total	DNQ	40	ng/L	EPA 245.1	37	50	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:25:00 PM	Nickel	Dissolved	DNQ	1.3	µg/L	EPA 200.8	0.16	2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:28:00 PM	Nickel	Total	=	11	µg/L	EPA 200.8	0.4	2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:25:00 PM	Selenium	Dissolved	=	0.41	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:28:00 PM	Selenium	Total	=	0.61	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:25:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:28:00 PM	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:25:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:28:00 PM	Thallium	Total	DNQ	0.055	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:25:00 PM	Zinc	Dissolved	DNQ	3.2	µg/L	EPA 200.8	0.8	10	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 7:28:00 PM	Zinc	Total	=	39	µg/L	EPA 200.8	1.7	10	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 1:22:00 PM	Ammonia as N	n/a	DNQ	0.066	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/8/2023 3:55:00 PM	Nitrate + Nitrite as N	n/a	=	0.43	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 5:49:00 PM	Phosphorus as P	Dissolved	=	0.12	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/13/2023 5:52:00 PM	Phosphorus as P	Total	=	0.38	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/21/2023 5:54:00 PM	TKN	n/a	=	1.2	mg/L	EPA 351.2	0.26	0.4	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/31/2023 4:02:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	LB-LCSR
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 5:28:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 5:28:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 5:28:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 5:28:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	2,4-Dinitrophenol	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 5:28:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 5:28:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/31/2023 4:02:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	LB-LCSR
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 5:28:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 5:28:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	2-Nitrophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 5:28:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.5	µg/L	EPA 625.1	0.5	5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 5:28:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 5:28:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 5:28:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/31/2023 4:02:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/31/2023 4:02:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/31/2023 4:02:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/31/2023 4:02:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/31/2023 4:02:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Benzo(a)pyrene	n/a	<	0.39	µg/L	EPA 625.1	0.39	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/31/2023 4:02:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/31/2023 4:02:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.052	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Benzo(k)fluoranthene	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/31/2023 4:02:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.046	µg/L	EPA 8270C	0.026	0.1	WKL	ANI
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2.3	µg/L	EPA 625.1	2.3	5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/31/2023 4:02:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Dibenz(a,h)anthracene	n/a	<	0.15	µg/L	EPA 625.1	0.15	2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/31/2023 4:02:00 AM	Dibenz(a,h)anthracene	n/a	<	0.036	µg/L	EPA 8270C	0.036	0.1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Dimethyl phthalate	n/a	=	5.6	µg/L	EPA 625.1	0.18	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/31/2023 4:02:00 AM	Fluoranthene	n/a	DNQ	0.057	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/31/2023 4:02:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Hexachlorocyclopentadiene	n/a	<	0.31	µg/L	EPA 625.1	0.31	5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/31/2023 4:02:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/31/2023 4:02:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/31/2023 4:02:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Phenol	n/a	<	0.81	µg/L	EPA 625.1	0.81	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 5:28:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/31/2023 4:02:00 AM	Pyrene	n/a	DNQ	0.055	µg/L	EPA 8270C	0.04	0.1	WKL	UL-MB
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	PCB Aroclor 1016	n/a	<	0.2	µg/L	EPA 608.3	0.2	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	PCB Aroclor 1221	n/a	<	0.2	µg/L	EPA 608.3	0.2	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	PCB Aroclor 1232	n/a	<	0.2	µg/L	EPA 608.3	0.2	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	PCB Aroclor 1242	n/a	<	0.2	µg/L	EPA 608.3	0.2	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	PCB Aroclor 1248	n/a	<	0.2	µg/L	EPA 608.3	0.2	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	PCB Aroclor 1260	n/a	<	0.2	µg/L	EPA 608.3	0.2	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 5:57:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 5:57:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 5:57:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 5:57:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 5:57:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	4,4'-DDD	n/a	<	0.0054	µg/L	EPA 608.3	0.0054	0.1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	4,4'-DDE	n/a	<	0.0036	µg/L	EPA 608.3	0.0036	0.1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	4,4'-DDT	n/a	<	0.0056	µg/L	EPA 608.3	0.0056	0.02	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 5:57:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	Aldrin	n/a	<	0.002	µg/L	EPA 608.3	0.002	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	alpha-BHC	n/a	<	0.0022	µg/L	EPA 608.3	0.0022	0.02	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	alpha-Chlordane	n/a	<	0.0058	µg/L	EPA 608.3	0.0058	0.02	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 5:57:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	beta-BHC	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	Chlordane (technical)	n/a	<	0.086	µg/L	EPA 608.3	0.086	0.2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 5:57:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 5:57:00 AM	DPCA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	delta-BHC	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 5:57:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 5:57:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	Dieldrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 5:57:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	Endosulfan I	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.04	WKL	LB-LCSR
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	Endosulfan II	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	Endosulfan sulfate	n/a	<	0.0026	µg/L	EPA 608.3	0.0026	0.1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	Endrin	n/a	<	0.0034	µg/L	EPA 608.3	0.0034	0.02	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	Endrin aldehyde	n/a	<	0.0038	µg/L	EPA 608.3	0.0038	0.02	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Fensulfothion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	gamma-BHC (Lindane)	n/a	<	0.003	µg/L	EPA 608.3	0.003	0.04	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	gamma-Chlordane	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/4/2023 4:14:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	Heptachlor	n/a	<	0.0046	µg/L	EPA 608.3	0.0046	0.02	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	Heptachlor epoxide	n/a	<	0.0036	µg/L	EPA 608.3	0.0036	0.02	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Malathion	n/a	DNQ	0.0052	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 5:28:00 AM	Pentachlorophenol	n/a	DNQ	0.53	µg/L	EPA 8270C	0.15	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 5:57:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	4/1/2023 7:14:00 PM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 5:57:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/16/2023 2:42:00 PM	Toxaphene	n/a	<	0.5	µg/L	EPA 608.3	0.5	1	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/11/2023 1:12:00 AM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
MO-THO	2022/23-4	Wet	2/25/2023 7:00:00 AM	3/14/2023 7:45:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/20/2023 11:01:00 PM	Chloride	n/a	=	280	mg/L	EPA 300.0	0.95	2.5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/20/2023 1:42:00 PM	Fluoride	n/a	=	0.3	mg/L	EPA 300.0	0.009	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/24/2023 5:08:00 AM	Perchlorate	n/a	<	0.39	µg/L	EPA 314.0	0.39	2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/17/2023 4:10:00 PM	E. Coli	n/a	=	148	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/17/2023 4:10:00 PM	Total Coliform	n/a	=	4884	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/25/2023 8:20:00 PM	Calcium	Total	=	128	mg/L	EPA 200.7	0.0736	0.5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/25/2023 8:20:00 PM	Magnesium	Total	=	112	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/22/2023 7:34:00 PM	Alkalinity as CaCO3	n/a	=	410	mg/L	SM 2320 B	1.9	5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/22/2023 5:38:00 PM	BOD	n/a	<	2	mg/L	SM 5210 B	2	2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 2:04:00 PM	COD	n/a	=	7.4	mg/L	EPA 410.4	2.9	5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/16/2023 10:25:00 AM	Conductivity	n/a	=	1911	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/23/2023 5:00:00 PM	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/16/2023 10:25:00 AM	DO	n/a	=	9.18	mg/L	Field Meter	-88	0.3	Field Crew	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/16/2023 10:25:00 AM	DO	n/a	=	97.3	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/25/2023 8:20:00 PM	Hardness as CaCO3	Total	=	781	mg/L	EPA 200.7	0.344	3.31	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/17/2023 5:40:00 PM	MBAS	n/a	DNQ	0.046	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/16/2023 10:25:00 AM	pH	n/a	=	8.3	pH Units	Field Meter	-88	0.01	Field Crew	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/24/2023 2:27:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/16/2023 10:25:00 AM	Salinity	n/a	=	1100	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/16/2023 10:25:00 AM	Specific Conductance	n/a	=	2214	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/6/2023 4:43:00 PM	Specific Conductance	n/a	=	2200	µmhos/cm	SM 2510 B	3.2	6	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/16/2023 10:25:00 AM	Temperature	n/a	=	17.8	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/18/2023 11:51:00 AM	Total Dissolved Solids	n/a	=	1400	mg/L	SM 2540 C	4	10	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/30/2023 5:16:00 PM	Total Organic Carbon	n/a	=	3.5	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/18/2023 4:06:00 PM	Total Suspended Solids	n/a	DNQ	2	mg/L	SM 2540 D	-88	5	WKL	UL-MB
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/17/2023 6:57:00 PM	Turbidity	n/a	=	0.65	NTU	EPA 180.1	0.017	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/18/2023 4:06:00 PM	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/22/2023 9:56:00 PM	Diesel Range Organics	n/a	DNQ	0.094	mg/L	EPA 8015B	0.072	0.1	WKL	EST-HT
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/17/2023 11:20:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/18/2023 3:01:00 PM	Oil and Grease	n/a	<	0.7	mg/L	EPA 1664B	0.7	4.7	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/22/2023 9:56:00 PM	Oil Range Organics	n/a	DNQ	0.26	mg/L	EPA 8015B	0.22	0.5	WKL	EST-HT
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:28:00 PM	Aluminum	Dissolved	<	4.4	µg/L	EPA 200.8	4.4	20	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:31:00 PM	Aluminum	Total	=	40	µg/L	EPA 200.8	4.4	20	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:28:00 PM	Antimony	Dissolved	DNQ	0.16	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:31:00 PM	Antimony	Total	DNQ	0.15	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:28:00 PM	Arsenic	Dissolved	=	2.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:31:00 PM	Arsenic	Total	=	2.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:31:00 PM	Barium	Total	=	30	µg/L	EPA 200.8	0.14	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:28:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:31:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:28:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:31:00 PM	Cadmium	Total	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:28:00 PM	Chromium	Dissolved	=	0.39	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:31:00 PM	Chromium	Total	=	0.54	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/25/2023 10:48:00 PM	Chromium VI	n/a	=	0.26	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:28:00 PM	Copper	Dissolved	=	1	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:31:00 PM	Copper	Total	=	0.93	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:28:00 PM	Iron	Dissolved	<	3.9	µg/L	EPA 200.8	3.9	20	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:31:00 PM	Iron	Total	=	53	µg/L	EPA 200.8	3.9	20	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:28:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:31:00 PM	Lead	Total	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/24/2023 1:19:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/24/2023 1:20:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:28:00 PM	Nickel	Dissolved	DNQ	1.7	µg/L	EPA 200.8	0.16	2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:31:00 PM	Nickel	Total	DNQ	1.8	µg/L	EPA 200.8	0.4	2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:28:00 PM	Selenium	Dissolved	=	1.6	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:31:00 PM	Selenium	Total	=	1.6	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:28:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:31:00 PM	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:28:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:31:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:28:00 PM	Zinc	Dissolved	<	1.7	µg/L	EPA 200.8	1.7	10	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 12:31:00 PM	Zinc	Total	<	1.7	µg/L	EPA 200.8	1.7	10	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/24/2023 3:50:00 PM	Ammonia as N	n/a	<	0.017	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/17/2023 5:19:00 PM	Nitrate + Nitrite as N	n/a	=	0.72	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/25/2023 8:17:00 PM	Phosphorus as P	Dissolved	=	0.06	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/25/2023 8:20:00 PM	Phosphorus as P	Total	=	0.065	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/7/2023 7:12:00 PM	TKN	n/a	=	0.3	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	1,2-Dichlorobenzene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	1,2-Diphenylhydrazine	n/a	<	0.3	µg/L	EPA 625.1	0.3	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	1,3-Dichlorobenzene	n/a	<	0.42	µg/L	EPA 625.1	0.42	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	1,4-Dichlorobenzene	n/a	<	0.48	µg/L	EPA 625.1	0.48	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 4:32:00 AM	1-Methylnaphthalene	n/a	<	0.024	µg/L	EPA 8270C	0.024	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 9:14:00 AM	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	2,4,6-Trichlorophenol	n/a	<	0.22	µg/L	EPA 625.1	0.22	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 9:14:00 AM	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	2,4-Dichlorophenol	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 9:14:00 AM	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 9:14:00 AM	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	2,4-Dimethylphenol	n/a	<	0.76	µg/L	EPA 625.1	0.76	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	2,4-Dinitrophenol	n/a	<	4.4	µg/L	EPA 625.1	4.4	10	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 9:14:00 AM	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	2,4-Dinitrotoluene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625.1	0.45	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	2-Chlorophenol	n/a	<	0.28	µg/L	EPA 625.1	0.28	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 9:14:00 AM	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 4:32:00 AM	2-Methylnaphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 9:14:00 AM	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270C	0.34	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	2-Nitrophenol	n/a	DNQ	0.27	µg/L	EPA 625.1	0.26	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 9:14:00 AM	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270C	0.71	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	3,3'-Dichlorobenzidine	n/a	<	2.5	µg/L	EPA 625.1	2.5	5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 9:14:00 AM	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	2.4	µg/L	EPA 625.1	2.4	5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 9:14:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270C	0.14	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	4-Chloro-3-methylphenol	n/a	<	0.23	µg/L	EPA 625.1	0.23	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 9:14:00 AM	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270C	0.37	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	4-Nitrophenol	n/a	<	1.2	µg/L	EPA 625.1	1.2	5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 9:14:00 AM	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Acenaphthene	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 4:32:00 AM	Acenaphthene	n/a	<	0.028	µg/L	EPA 8270C	0.028	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Acenaphthylene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 4:32:00 AM	Acenaphthylene	n/a	<	0.033	µg/L	EPA 8270C	0.033	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Anthracene	n/a	<	0.41	µg/L	EPA 625.1	0.41	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 4:32:00 AM	Anthracene	n/a	<	0.025	µg/L	EPA 8270C	0.025	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 4:32:00 AM	Benz(a)anthracene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Benz(a)anthracene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Benzidine	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	Benzo(a)pyrene	n/a	<	0.045	µg/L	EPA 525.2	0.045	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 4:32:00 AM	Benzo(a)pyrene	n/a	<	0.051	µg/L	EPA 8270C	0.051	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Benzo(a)pyrene	n/a	<	0.82	µg/L	EPA 625.1	0.82	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Benzo(b)fluoranthene	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 4:32:00 AM	Benzo(b)fluoranthene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Benzo(g,h,i)perylene	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 4:32:00 AM	Benzo(g,h,i)perylene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 4:32:00 AM	Benzo(k)fluoranthene	n/a	<	0.059	µg/L	EPA 8270C	0.059	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Benzo(k)fluoranthene	n/a	<	0.72	µg/L	EPA 625.1	0.72	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625.1	0.27	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625.1	0.38	1	WKL	LB-LCSR
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	0.38	µg/L	EPA 525.2	0.38	5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	0.41	µg/L	EPA 525.2	0.41	3	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	2.4	µg/L	EPA 625.1	2.3	5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Butyl benzyl phthalate	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Chrysene	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 4:32:00 AM	Chrysene	n/a	<	0.074	µg/L	EPA 8270C	0.074	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Dibenz(a,h)anthracene	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 4:32:00 AM	Dibenz(a,h)anthracene	n/a	<	0.081	µg/L	EPA 8270C	0.081	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Diethyl phthalate	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Dimethyl phthalate	n/a	=	4.6	µg/L	EPA 625.1	0.18	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Di-n-butylphthalate	n/a	<	0.34	µg/L	EPA 625.1	0.34	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Di-n-octylphthalate	n/a	<	0.46	µg/L	EPA 625.1	0.46	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Fluoranthene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 4:32:00 AM	Fluoranthene	n/a	<	0.039	µg/L	EPA 8270C	0.039	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Fluorene	n/a	<	0.35	µg/L	EPA 625.1	0.35	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 4:32:00 AM	Fluorene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625.1	0.47	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625.1	1.5	5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Hexachloroethane	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.66	µg/L	EPA 625.1	0.66	2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 4:32:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.065	µg/L	EPA 8270C	0.065	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Isophorone	n/a	<	0.21	µg/L	EPA 625.1	0.21	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Naphthalene	n/a	<	0.49	µg/L	EPA 625.1	0.49	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 4:32:00 AM	Naphthalene	n/a	<	0.026	µg/L	EPA 8270C	0.026	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625.1	0.36	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	N-Nitrosodimethylamine	n/a	<	0.5	µg/L	EPA 625.1	0.5	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625.1	0.26	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625.1	0.19	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Phenanthrene	n/a	<	0.32	µg/L	EPA 625.1	0.32	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 4:32:00 AM	Phenanthrene	n/a	<	0.029	µg/L	EPA 8270C	0.029	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Phenol	n/a	<	0.17	µg/L	EPA 625.1	0.17	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 9:14:00 AM	Phenol	n/a	<	0.35	µg/L	EPA 8270C	0.35	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Pyrene	n/a	<	0.25	µg/L	EPA 625.1	0.25	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 4:32:00 AM	Pyrene	n/a	<	0.04	µg/L	EPA 8270C	0.04	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	PCB Aroclor 1016	n/a	<	0.37	µg/L	EPA 608.3	0.37	2.5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	PCB Aroclor 1221	n/a	<	0.12	µg/L	EPA 608.3	0.12	2.5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	PCB Aroclor 1232	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	PCB Aroclor 1242	n/a	<	0.48	µg/L	EPA 608.3	0.48	2.5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	PCB Aroclor 1248	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608.3	0.2	2.5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	PCB Aroclor 1260	n/a	<	0.28	µg/L	EPA 608.3	0.28	2.5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 5:54:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 5:54:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 5:54:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 5:54:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 5:54:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 5:54:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	Alachlor	n/a	<	0.063	µg/L	EPA 525.2	0.063	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	alpha-BHC	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	Atrazine	n/a	<	0.042	µg/L	EPA 525.2	0.042	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 5:54:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	beta-BHC	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.025	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	Bromacil	n/a	<	0.24	µg/L	EPA 525.2	0.24	0.5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	Butachlor	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 5:54:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 5:54:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 10:57:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	LB-LCSR
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	LB-LCSR
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 5:54:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 5:54:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	Dimethoate	n/a	<	0.041	µg/L	EPA 525.2	0.041	0.2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 5:54:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	LB-LCSR
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	Disulfoton	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	Endosulfan sulfate	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.25	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	LB-LCSR
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Fensulfotion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	LB-LCSR
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/30/2023 9:13:00 PM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Malathion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 5:54:00 AM	Pentachlorophenol	n/a	<	0.046	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/12/2023 3:56:00 AM	Pentachlorophenol	n/a	<	0.4	µg/L	EPA 625.1	0.4	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/26/2023 9:14:00 AM	Pentachlorophenol	n/a	<	0.15	µg/L	EPA 8270C	0.15	1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 5:54:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	Simazine	n/a	<	0.058	µg/L	EPA 525.2	0.058	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	LB-LCSR
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	Thiobencarb	n/a	<	0.069	µg/L	EPA 525.2	0.069	0.1	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/8/2023 1:38:00 AM	Toxaphene	n/a	<	0.42	µg/L	EPA 608.3	0.42	2.5	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	5/27/2023 2:17:00 AM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
MO-THO	2022/23-6	Dry	5/16/2023 10:25:00 AM	6/5/2023 10:57:00 PM	Trithion	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.1	WKL	
MO-THO	2023-DRY	Dry	8/29/2023 10:30:00 AM	8/30/2023 3:46:00 PM	E. Coli	n/a	=	495	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2023-DRY	Dry	8/29/2023 10:30:00 AM	8/30/2023 3:46:00 PM	Total Coliform	n/a	=	10462	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-THO	2023-DRY	Dry	8/29/2023 10:30:00 AM	9/14/2023 8:39:00 PM	Calcium	Total	=	101	mg/L	EPA 200.7	0.0736	0.5	WKL	
MO-THO	2023-DRY	Dry	8/29/2023 10:30:00 AM	9/14/2023 8:39:00 PM	Magnesium	Total	=	82.4	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-THO	2023-DRY	Dry	8/29/2023 10:30:00 AM	8/29/2023 10:30:00 AM	Conductivity	n/a	=	1654	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2023-DRY	Dry	8/29/2023 10:30:00 AM	8/29/2023 10:30:00 AM	Discharge	n/a	=	2.98	cfs	Field Estimate	-88	-88	Field Crew	Est
MO-THO	2023-DRY	Dry	8/29/2023 10:30:00 AM	8/29/2023 10:30:00 AM	DO	n/a	=	59.8	%	Field Meter	-88	0.1	Field Crew	
MO-THO	2023-DRY	Dry	8/29/2023 10:30:00 AM	8/29/2023 10:30:00 AM	DO	n/a	=	5.25	mg/L	Field Meter	-88	0.3	Field Crew	
MO-THO	2023-DRY	Dry	8/29/2023 10:30:00 AM	9/14/2023 8:39:00 PM	Hardness as CaCO3	Total	=	591	mg/L	EPA 200.7	0.344	3.31	Field Crew	
MO-THO	2023-DRY	Dry	8/29/2023 10:30:00 AM	8/29/2023 10:30:00 AM	pH	n/a	=	8.09	pH Units	Field Meter	-88	0.01	Field Crew	
MO-THO	2023-DRY	Dry	8/29/2023 10:30:00 AM	8/29/2023 10:30:00 AM	Salinity	n/a	=	900	mg/L	Field Meter	-88	100	Field Crew	
MO-THO	2023-DRY	Dry	8/29/2023 10:30:00 AM	8/29/2023 10:30:00 AM	Specific Conductance	n/a	=	1766	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-THO	2023-DRY	Dry	8/29/2023 10:30:00 AM	8/29/2023 10:30:00 AM	Temperature	n/a	=	21.7	°C	Field Meter	-88	0.1	Field Crew	
MO-THO	2023-DRY	Dry	8/29/2023 10:30:00 AM	9/17/2023 3:03:00 PM	Total Organic Carbon	n/a	=	5.4	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-THO	2023-DRY	Dry	8/29/2023 10:30:00 AM	8/29/2023 10:30:00 AM	Turbidity	n/a	=	7.3	NTU	Field Meter	-88	0.01	Field Crew	
MO-THO	2023-DRY	Dry	8/29/2023 10:30:00 AM	9/13/2023 6:00:00 PM	Copper	Dissolved	=	1.2	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-THO	2023-DRY	Dry	8/29/2023 10:30:00 AM	9/13/2023 6:00:00 PM	Lead	Dissolved	<	0.083	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-THO	2023-DRY	Dry	8/29/2023 10:30:00 AM	9/13/2023 6:00:00 PM	Zinc	Dissolved	=	18	µg/L	EPA 200.8	1.7	10	WKL	
MO-VEN	2022/23-1	Wet	11/8/2022 2:02:00 PM	11/9/2022 3:50:00 PM	E. Coli	n/a	=	19863	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-VEN	2022/23-1	Wet	11/8/2022 2:02:00 PM	11/9/2022 3:50:00 PM	Total Coliform	n/a	=	816400	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-VEN	2022/23-1	Wet	11/8/2022 2:02:00 PM	11/8/2022 2:02:00 PM	Conductivity	n/a	=	104.7	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2022/23-1	Wet	11/8/2022 2:02:00 PM	11/18/2022 3:38:00 PM	Cyanide	Total	=	0.0031	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-VEN	2022/23-1	Wet	11/8/2022 2:02:00 PM	11/8/2022 2:02:00 PM	DO	n/a	=	8.11	mg/L	Field Meter	-88	0.3	Field Crew	
MO-VEN	2022/23-1	Wet	11/8/2022 2:02:00 PM	11/8/2022 2:02:00 PM	DO	n/a	=	81.7	%	Field Meter	-88	0.1	Field Crew	
MO-VEN	2022/23-1	Wet	11/8/2022 2:02:00 PM	11/8/2022 2:02:00 PM	pH	n/a	=	7.3	pH Units	Field Meter	-88	0.01	Field Crew	
MO-VEN	2022/23-1	Wet	11/8/2022 2:02:00 PM	11/8/2022 2:02:00 PM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-VEN	2022/23-1	Wet	11/8/2022 2:02:00 PM	11/8/2022 2:02:00 PM	Specific Conductance	n/a	=	127.5	µmhos/cm	Field Meter	-88	1	Field Crew	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2022/23-1	Wet	11/8/2022 2:02:00 PM	11/8/2022 2:02:00 PM	Temperature	n/a	=	15.5	°C	Field Meter	-88	0.1	Field Crew	
MO-VEN	2022/23-1	Wet	11/8/2022 2:02:00 PM	11/17/2022 6:37:00 PM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/8/2022 2:02:00 PM	12/1/2022 10:10:00 AM	Oil and Grease	n/a	<	0.6	mg/L	EPA 1664B	0.6	4	WKL	
MO-VEN	2022/23-1	Wet	11/8/2022 2:02:00 PM	11/12/2022 4:38:00 PM	2-Chloroethyl vinyl ether	n/a	<	0.19	µg/L	EPA 624.1	0.19	1	WKL	
MO-VEN	2022/23-1	Wet	11/8/2022 2:02:00 PM	11/12/2022 4:38:00 PM	Methyl tert-butyl ether (MTBE)	n/a	<	0.4	µg/L	EPA 624.1	0.4	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/12/2022 2:05:00 AM	Chloride	n/a	=	11	mg/L	EPA 300.0	0.38	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/12/2022 2:05:00 AM	Fluoride	n/a	DNQ	0.14	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/11/2022 9:32:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 7:04:00 PM	Calcium	Total	=	17.8	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 7:04:00 PM	Magnesium	Total	=	6.25	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/12/2022 9:57:00 AM	Alkalinity as CaCO3	n/a	=	30	mg/L	SM 2320 B	1.9	5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 11:49:00 AM	BOD	n/a	=	12	mg/L	SM 5210 B	2	2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/23/2022 4:36:00 PM	COD	n/a	=	170	mg/L	EPA 410.4	2.9	5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 7:04:00 PM	Hardness as CaCO3	Total	=	70.3	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/10/2022 6:09:00 PM	MBAS	n/a	=	0.1	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/22/2022 11:43:00 AM	Phenolics	n/a	=	0.024	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/23/2022 11:03:00 AM	Specific Conductance	n/a	=	190	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/10/2022 3:37:00 PM	Total Chlorine Residual	n/a	=	0.062	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 6:58:00 PM	Total Dissolved Solids	n/a	=	130	mg/L	SM 2540 C	4	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 4:55:00 PM	Total Organic Carbon	n/a	=	14	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 2:03:00 PM	Total Suspended Solids	n/a	=	1100	mg/L	SM 2540 D	-88	5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/10/2022 3:40:00 PM	Turbidity	n/a	=	150	NTU	EPA 180.1	0.17	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 2:03:00 PM	Volatile Suspended Solids	n/a	=	220	mg/L	EPA 160.4	3.1	5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/1/2022 8:12:00 AM	Diesel Range Organics	n/a	=	0.56	mg/L	EPA 8015B	0.14	0.2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/1/2022 8:12:00 AM	Oil Range Organics	n/a	DNQ	0.94	mg/L	EPA 8015B	0.45	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:46:00 PM	Aluminum	Dissolved	=	37	µg/L	EPA 200.8	4.4	20	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:49:00 PM	Aluminum	Total	=	8600	µg/L	EPA 200.8	4.4	20	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:46:00 PM	Antimony	Dissolved	=	1.3	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:49:00 PM	Antimony	Total	=	3.4	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:46:00 PM	Arsenic	Dissolved	=	1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:49:00 PM	Arsenic	Total	=	5.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:49:00 PM	Barium	Total	=	120	µg/L	EPA 200.8	0.14	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:46:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:49:00 PM	Beryllium	Total	=	0.32	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:46:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:49:00 PM	Cadmium	Total	=	0.58	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:46:00 PM	Chromium	Dissolved	=	1.6	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:49:00 PM	Chromium	Total	=	19	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/17/2022 3:06:00 PM	Chromium VI	n/a	=	1.4	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:46:00 PM	Copper	Dissolved	=	7.2	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:49:00 PM	Copper	Total	=	50	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:46:00 PM	Iron	Dissolved	=	110	µg/L	EPA 200.8	3.9	20	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 6:47:00 PM	Iron	Total	=	13000	µg/L	EPA 200.8	7.9	40	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:46:00 PM	Lead	Dissolved	=	0.85	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:49:00 PM	Lead	Total	=	28	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/21/2022 11:41:00 AM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/21/2022 11:42:00 AM	Mercury	Total	DNQ	49	ng/L	EPA 245.1	37	50	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:46:00 PM	Nickel	Dissolved	=	2.6	µg/L	EPA 200.8	0.16	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:49:00 PM	Nickel	Total	=	18	µg/L	EPA 200.8	0.16	2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:46:00 PM	Selenium	Dissolved	=	0.43	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:49:00 PM	Selenium	Total	=	0.77	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:46:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:49:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:46:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:49:00 PM	Thallium	Total	DNQ	0.13	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:46:00 PM	Zinc	Dissolved	=	27	µg/L	EPA 200.8	0.8	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 4:49:00 PM	Zinc	Total	=	300	µg/L	EPA 200.8	1.7	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/17/2022 4:27:00 PM	Ammonia as N	n/a	=	0.28	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/10/2022 3:28:00 PM	Nitrate + Nitrite as N	n/a	=	0.84	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/10/2022 3:28:00 PM	Nitrate as N	n/a	=	0.82	mg/L	EPA 353.2	0.04	0.2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 7:01:00 PM	Phosphorus as P	Dissolved	=	0.3	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/15/2022 7:04:00 PM	Phosphorus as P	Total	=	0.98	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/6/2022 4:25:00 PM	TKN	n/a	=	3.2	mg/L	EPA 351.2	0.13	0.2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	1,2,4-Trichlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	1,2-Dichlorobenzene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	1,2-Diphenylhydrazine	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	1,3-Dichlorobenzene	n/a	<	4.2	µg/L	EPA 625.1	4.2	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	1,4-Dichlorobenzene	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/3/2022 7:44:00 AM	1-Methylnaphthalene	n/a	<	0.24	µg/L	EPA 8270C	0.24	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/10/2022 3:41:00 PM	2,4,5-Trichlorophenol	n/a	<	2.9	µg/L	EPA 8270C	2.9	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	2,4,6-Trichlorophenol	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/10/2022 3:41:00 PM	2,4,6-Trichlorophenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	2,4-Dichlorophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/10/2022 3:41:00 PM	2,4-Dichlorophenol	n/a	<	5.1	µg/L	EPA 8270C	5.1	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/10/2022 3:41:00 PM	2,4-Dimethylphenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	LB-LCSR
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	2,4-Dimethylphenol	n/a	<	7.6	µg/L	EPA 625.1	7.6	10	WKL	-LCSRPD, LB-L
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	2,4-Dinitrophenol	n/a	<	19	µg/L	EPA 625.1	19	100	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/10/2022 3:41:00 PM	2,4-Dinitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	2,4-Dinitrotoluene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	2,6-Dinitrotoluene	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	2-Chloronaphthalene	n/a	<	4.5	µg/L	EPA 625.1	4.5	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	2-Chlorophenol	n/a	<	2.8	µg/L	EPA 625.1	2.8	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/10/2022 3:41:00 PM	2-Chlorophenol	n/a	<	6.5	µg/L	EPA 8270C	6.5	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/3/2022 7:44:00 AM	2-Methylnaphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/10/2022 3:41:00 PM	2-Methylphenol	n/a	<	3.4	µg/L	EPA 8270C	3.4	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/10/2022 3:41:00 PM	2-Nitrophenol	n/a	<	7.1	µg/L	EPA 8270C	7.1	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	2-Nitrophenol	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	3,3'-Dichlorobenzidine	n/a	<	25	µg/L	EPA 625.1	25	50	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/10/2022 3:41:00 PM	3-/4-Methylphenol	n/a	<	3	µg/L	EPA 8270C	3	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/10/2022 3:41:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	5	µg/L	EPA 625.1	5	50	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	4-Bromophenyl phenyl ether	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	4-Chloro-3-methylphenol	n/a	<	2.3	µg/L	EPA 625.1	2.3	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/10/2022 3:41:00 PM	4-Chloro-3-methylphenol	n/a	<	3.7	µg/L	EPA 8270C	3.7	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	4-Chlorophenyl phenyl ether	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	4-Nitrophenol	n/a	<	12	µg/L	EPA 625.1	12	50	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/10/2022 3:41:00 PM	4-Nitrophenol	n/a	<	10	µg/L	EPA 8270C	10	20	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Acenaphthene	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/3/2022 7:44:00 AM	Acenaphthene	n/a	<	0.28	µg/L	EPA 8270C	0.28	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Acenaphthylene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/3/2022 7:44:00 AM	Acenaphthylene	n/a	<	0.33	µg/L	EPA 8270C	0.33	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Anthracene	n/a	<	4.1	µg/L	EPA 625.1	4.1	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/3/2022 7:44:00 AM	Anthracene	n/a	<	0.25	µg/L	EPA 8270C	0.25	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/3/2022 7:44:00 AM	Benz(a)anthracene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Benz(a)anthracene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Benzidine	n/a	<	32	µg/L	EPA 625.1	32	100	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	Benzo(a)pyrene	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Benzo(a)pyrene	n/a	<	3.9	µg/L	EPA 625.1	3.9	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/3/2022 7:44:00 AM	Benzo(a)pyrene	n/a	<	0.51	µg/L	EPA 8270C	0.51	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Benzo(b)fluoranthene	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/3/2022 7:44:00 AM	Benzo(b)fluoranthene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Benzo(g,h,i)perylene	n/a	<	4.2	µg/L	EPA 625.1	4.2	20	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/3/2022 7:44:00 AM	Benzo(g,h,i)perylene	n/a	<	0.5	µg/L	EPA 8270C	0.5	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Benzo(k)fluoranthene	n/a	<	2.2	µg/L	EPA 625.1	2.2	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/3/2022 7:44:00 AM	Benzo(k)fluoranthene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Bis(2-chloroethoxy)methane	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Bis(2-chloroethyl)ether	n/a	<	2.7	µg/L	EPA 625.1	2.7	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	3.8	µg/L	EPA 625.1	3.8	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	4.2	µg/L	EPA 525.2	4.2	50	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Bis(2-ethylhexyl)phthalate	n/a	=	54	µg/L	EPA 625.1	23	50	WKL	-LCSRPD, HB-L
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Butyl benzyl phthalate	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Chrysene	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/3/2022 7:44:00 AM	Chrysene	n/a	<	0.74	µg/L	EPA 8270C	0.74	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Dibenz(a,h)anthracene	n/a	<	1.5	µg/L	EPA 625.1	1.5	20	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/3/2022 7:44:00 AM	Dibenz(a,h)anthracene	n/a	<	0.36	µg/L	EPA 8270C	0.36	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Diethyl phthalate	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Dimethyl phthalate	n/a	<	1.8	µg/L	EPA 625.1	1.8	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Di-n-butylphthalate	n/a	<	3.4	µg/L	EPA 625.1	3.4	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Di-n-octylphthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Fluoranthene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/3/2022 7:44:00 AM	Fluoranthene	n/a	<	0.39	µg/L	EPA 8270C	0.39	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Fluorene	n/a	<	3.5	µg/L	EPA 625.1	3.5	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/3/2022 7:44:00 AM	Fluorene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Hexachlorobenzene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Hexachlorobutadiene	n/a	<	4.7	µg/L	EPA 625.1	4.7	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	Hexachlorocyclopentadiene	n/a	<	0.92	µg/L	EPA 525.2	0.92	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Hexachlorocyclopentadiene	n/a	<	3.1	µg/L	EPA 625.1	3.1	50	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Hexachloroethane	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	20	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/3/2022 7:44:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.65	µg/L	EPA 8270C	0.65	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Isophorone	n/a	<	2.1	µg/L	EPA 625.1	2.1	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Naphthalene	n/a	<	4.9	µg/L	EPA 625.1	4.9	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/3/2022 7:44:00 AM	Naphthalene	n/a	<	0.26	µg/L	EPA 8270C	0.26	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Nitrobenzene	n/a	<	3.6	µg/L	EPA 625.1	3.6	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	N-Nitrosodimethylamine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	N-Nitrosodi-N-propylamine	n/a	<	2.6	µg/L	EPA 625.1	2.6	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	N-Nitrosodiphenylamine	n/a	<	1.9	µg/L	EPA 625.1	1.9	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Phenanthrene	n/a	<	3.2	µg/L	EPA 625.1	3.2	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/3/2022 7:44:00 AM	Phenanthrene	n/a	<	0.29	µg/L	EPA 8270C	0.29	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Phenol	n/a	<	8.1	µg/L	EPA 625.1	8.1	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/10/2022 3:41:00 PM	Phenol	n/a	<	3.5	µg/L	EPA 8270C	3.5	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Pyrene	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/3/2022 7:44:00 AM	Pyrene	n/a	<	0.4	µg/L	EPA 8270C	0.4	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/4/2022 1:24:00 PM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/4/2022 1:24:00 PM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/4/2022 1:24:00 PM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/4/2022 1:24:00 PM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/4/2022 1:24:00 PM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	4,4'-DDD	n/a	<	0.027	µg/L	EPA 608.3	0.027	0.5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	4,4'-DDE	n/a	DNQ	0.035	µg/L	EPA 608.3	0.018	0.5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	4,4'-DDT	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/4/2022 1:24:00 PM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	Alachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	Atrazine	n/a	<	0.11	µg/L	EPA 525.2	0.11	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Azinphos methyl	n/a	<	0.053	µg/L	EPA 625.1m	0.053	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/4/2022 1:24:00 PM	Bentazon	n/a	<	1	µg/L	EPA 515.4	1	2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Bolstar	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	Bromacil	n/a	<	0.7	µg/L	EPA 525.2	0.7	5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Chlorpyrifos	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Coumaphos	n/a	<	0.055	µg/L	EPA 625.1m	0.055	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/4/2022 1:24:00 PM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/4/2022 1:24:00 PM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Demeton-O	n/a	<	0.019	µg/L	EPA 625.1m	0.019	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Demeton-S	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	Diazinon	n/a	<	0.22	µg/L	EPA 525.2	0.22	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Diazinon	n/a	DNQ	0.027	µg/L	EPA 625.1m	0.01	0.1	WKL	LB-LCSR
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/4/2022 1:24:00 PM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/4/2022 1:24:00 PM	Dichlorprop	n/a	<	0.3	µg/L	EPA 515.4	0.3	0.3	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Dichlorvos	n/a	<	0.0093	µg/L	EPA 625.1m	0.0093	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	Dieldrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	Dimethoate	n/a	<	0.2	µg/L	EPA 525.2	0.2	2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Dimethoate	n/a	<	0.027	µg/L	EPA 625.1m	0.027	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/4/2022 1:24:00 PM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Disulfoton	n/a	<	0.017	µg/L	EPA 625.1m	0.017	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	Disulfoton	n/a	<	0.15	µg/L	EPA 525.2	0.15	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	Endosulfan I	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Ethoprop	n/a	<	0.0065	µg/L	EPA 625.1m	0.0065	0.1	WKL	LB-LCSR
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Ethyl parathion	n/a	<	0.022	µg/L	EPA 625.1m	0.022	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Fensulfthion	n/a	<	0.029	µg/L	EPA 625.1m	0.029	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Fenthion	n/a	<	0.021	µg/L	EPA 625.1m	0.021	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	gamma-BHC (Lindane)	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/21/2022 11:57:00 PM	Glyphosate	n/a	=	52	µg/L	EPA 547	1.8	5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	Heptachlor	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	Heptachlor epoxide	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Malathion	n/a	DNQ	0.025	µg/L	EPA 625.1m	0.021	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Merphos	n/a	<	0.055	µg/L	EPA 625.1m	0.055	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Methyl parathion	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Mevinphos	n/a	<	0.013	µg/L	EPA 625.1m	0.013	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Naled	n/a	<	0.0074	µg/L	EPA 625.1m	0.0074	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/4/2022 1:24:00 PM	Pentachlorophenol	n/a	DNQ	0.13	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/13/2022 3:39:00 AM	Pentachlorophenol	n/a	<	4	µg/L	EPA 625.1	4	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/10/2022 3:41:00 PM	Pentachlorophenol	n/a	<	1.5	µg/L	EPA 8270C	1.5	10	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Phorate	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	12/4/2022 1:24:00 PM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.014	µg/L	EPA 625.1m	0.014	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	Simazine	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.024	µg/L	EPA 625.1m	0.024	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	Thiobencarb	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Tokuthion	n/a	<	0.022	µg/L	EPA 625.1m	0.022	0.1	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/30/2022 2:01:00 AM	Toxaphene	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/19/2022 12:07:00 AM	Trichloronate	n/a	<	0.016	µg/L	EPA 625.1m	0.016	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2022/23-1	Wet	11/9/2022 12:00:00 PM	11/16/2022 8:43:00 PM	Trithion	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 2:00:00 AM	12/3/2022 8:30:00 AM	E. Coli	n/a	=	57940	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-VEN	2022/23-2	Wet	12/2/2022 2:00:00 AM	12/3/2022 8:30:00 AM	Total Coliform	n/a	=	241960	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-VEN	2022/23-2	Wet	12/2/2022 2:00:00 AM	12/2/2022 2:00:00 AM	Conductivity	n/a	=	113.9	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2022/23-2	Wet	12/2/2022 2:00:00 AM	12/12/2022 7:32:00 PM	Cyanide	Total	=	0.0035	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 2:00:00 AM	12/2/2022 2:00:00 AM	DO	n/a	=	7.87	mg/L	Field Meter	-88	0.3	Field Crew	
MO-VEN	2022/23-2	Wet	12/2/2022 2:00:00 AM	12/2/2022 2:00:00 AM	DO	n/a	=	74.2	%	Field Meter	-88	0.1	Field Crew	
MO-VEN	2022/23-2	Wet	12/2/2022 2:00:00 AM	12/2/2022 2:00:00 AM	pH	n/a	=	6.77	pH Units	Field Meter	-88	0.01	Field Crew	
MO-VEN	2022/23-2	Wet	12/2/2022 2:00:00 AM	12/2/2022 2:00:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-VEN	2022/23-2	Wet	12/2/2022 2:00:00 AM	12/2/2022 2:00:00 AM	Specific Conductance	n/a	=	148.1	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2022/23-2	Wet	12/2/2022 2:00:00 AM	12/2/2022 2:00:00 AM	Temperature	n/a	=	12.9	°C	Field Meter	-88	0.1	Field Crew	
MO-VEN	2022/23-2	Wet	12/2/2022 2:00:00 AM	12/21/2022 10:25:00 AM	Gasoline Range Organics	n/a	<	0.065	mg/L	EPA 8260B	0.065	0.1	WKL	CK, EST-HT
MO-VEN	2022/23-2	Wet	12/2/2022 2:00:00 AM	12/12/2022 3:21:00 PM	Oil and Grease	n/a	DNQ	1.6	mg/L	EPA 1664B	0.6	4	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/15/2022 1:27:00 AM	Chloride	n/a	=	16	mg/L	EPA 300.0	0.38	1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/15/2022 1:27:00 AM	Fluoride	n/a	=	0.22	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/10/2022 11:55:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/9/2022 8:01:00 PM	Calcium	Total	=	19.6	mg/L	EPA 200.7	0.0234	0.5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/9/2022 8:01:00 PM	Magnesium	Total	=	5.09	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/3/2022 12:29:00 PM	Alkalinity as CaCO3	n/a	=	33	mg/L	SM 2320 B	1.9	5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/7/2022 6:28:00 PM	BOD	n/a	=	48	mg/L	SM 5210 B	2	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/14/2022 1:28:00 PM	COD	n/a	=	170	mg/L	EPA 410.4	2.9	5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/9/2022 8:01:00 PM	Hardness as CaCO3	Total	=	69.9	mg/L	EPA 200.7	0.219	3.31	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/2/2022 9:16:00 PM	MBAS	n/a	=	0.57	mg/L	SM 5540 C	0.12	0.25	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/14/2022 12:19:00 PM	Phenolics	n/a	=	0.013	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/14/2022 11:42:00 AM	Specific Conductance	n/a	=	260	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/4/2022 10:43:00 AM	Total Chlorine Residual	n/a	=	0.056	mg/L	SM 4500-Cl G	0.031	0.05	WKL	EST-HT
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/8/2022 2:49:00 PM	Total Dissolved Solids	n/a	=	190	mg/L	SM 2540 C	4	10	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/8/2022 7:48:00 AM	Total Organic Carbon	n/a	=	42	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/6/2022 5:10:00 PM	Total Suspended Solids	n/a	=	90	mg/L	SM 2540 D	-88	5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/3/2022 2:13:00 PM	Turbidity	n/a	=	16	NTU	EPA 180.1	0.017	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/6/2022 5:10:00 PM	Volatile Suspended Solids	n/a	=	43	mg/L	EPA 160.4	3.1	5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/19/2022 11:17:00 PM	Diesel Range Organics	n/a	=	1.1	mg/L	EPA 8015B	0.14	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/19/2022 11:17:00 PM	Oil Range Organics	n/a	=	1.2	mg/L	EPA 8015B	0.45	1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:44:00 PM	Aluminum	Dissolved	=	36	µg/L	EPA 200.8	4.4	20	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:47:00 PM	Aluminum	Total	=	1300	µg/L	EPA 200.8	4.4	20	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:44:00 PM	Antimony	Dissolved	=	1.4	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:47:00 PM	Antimony	Total	=	1.8	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:44:00 PM	Arsenic	Dissolved	=	1.5	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:47:00 PM	Arsenic	Total	=	2.1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:47:00 PM	Barium	Total	=	30	µg/L	EPA 200.8	0.14	1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:44:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:47:00 PM	Beryllium	Total	=	0.13	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:44:00 PM	Cadmium	Dissolved	DNQ	0.06	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:47:00 PM	Cadmium	Total	=	0.24	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:44:00 PM	Chromium	Dissolved	=	1	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:47:00 PM	Chromium	Total	=	3.7	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/6/2022 5:40:00 PM	Chromium VI	n/a	=	0.63	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:44:00 PM	Copper	Dissolved	=	16	µg/L	EPA 200.8	0.23	0.5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:47:00 PM	Copper	Total	=	35	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:44:00 PM	Iron	Dissolved	=	170	µg/L	EPA 200.8	3.9	20	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:47:00 PM	Iron	Total	=	2200	µg/L	EPA 200.8	3.9	20	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:44:00 PM	Lead	Dissolved	=	1	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:47:00 PM	Lead	Total	=	5.2	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 4:47:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 4:49:00 PM	Mercury	Total	DNQ	37	ng/L	EPA 245.1	37	50	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:44:00 PM	Nickel	Dissolved	=	4.9	µg/L	EPA 200.8	0.16	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:47:00 PM	Nickel	Total	=	7.6	µg/L	EPA 200.8	0.16	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:44:00 PM	Selenium	Dissolved	=	0.7	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:47:00 PM	Selenium	Total	=	0.93	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:44:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:47:00 PM	Silver	Total	<	0.13	µg/L	EPA 200.8	0.13	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:44:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:47:00 PM	Thallium	Total	DNQ	0.056	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:44:00 PM	Zinc	Dissolved	=	110	µg/L	EPA 200.8	0.8	10	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/12/2022 5:47:00 PM	Zinc	Total	=	180	µg/L	EPA 200.8	1.7	10	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/7/2022 1:09:00 PM	Ammonia as N	n/a	=	0.88	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/3/2022 1:52:00 PM	Nitrate + Nitrite as N	n/a	=	0.72	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/9/2022 7:58:00 PM	Phosphorus as P	Dissolved	=	0.41	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/9/2022 8:01:00 PM	Phosphorus as P	Total	=	0.71	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/19/2022 5:43:00 PM	TKN	n/a	=	3.6	mg/L	EPA 351.2	0.26	0.4	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/6/2023 7:48:00 AM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/7/2023 6:22:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/7/2023 6:22:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/7/2023 6:22:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/7/2023 6:22:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/7/2023 6:22:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/7/2023 6:22:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/6/2023 7:48:00 AM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/7/2023 6:22:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/7/2023 6:22:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/7/2023 6:22:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/7/2023 6:22:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/7/2023 6:22:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/7/2023 6:22:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/6/2023 7:48:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/6/2023 7:48:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/6/2023 7:48:00 AM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/6/2023 7:48:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Benzo(a)pyrene	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/6/2023 7:48:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	Benzo(a)pyrene	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/6/2023 7:48:00 AM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/6/2023 7:48:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/6/2023 7:48:00 AM	Benzo(k)fluoranthene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	0.42	µg/L	EPA 525.2	0.42	5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	Bis(2-ethylhexyl)phthalate	n/a	DNQ	0.79	µg/L	EPA 525.2	0.41	3	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Butyl benzyl phthalate	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/6/2023 7:48:00 AM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/6/2023 7:48:00 AM	Dibenz(a,h)anthracene	n/a	<	0.072	µg/L	EPA 8270C	0.072	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Di-n-butylphthalate	n/a	<	0.68	µg/L	EPA 625.1	0.68	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/6/2023 7:48:00 AM	Fluoranthene	n/a	<	0.078	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/6/2023 7:48:00 AM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	Hexachlorocyclopentadiene	n/a	<	0.092	µg/L	EPA 525.2	0.092	1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/6/2023 7:48:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/6/2023 7:48:00 AM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/6/2023 7:48:00 AM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/7/2023 6:22:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/6/2023 7:48:00 AM	Pyrene	n/a	<	0.08	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	PCB Aroclor 1016	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	PCB Aroclor 1221	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	PCB Aroclor 1232	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	PCB Aroclor 1242	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	PCB Aroclor 1248	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	PCB Aroclor 1254	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	PCB Aroclor 1260	n/a	<	5	µg/L	EPA 608.3	5	5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/11/2022 11:11:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/11/2022 11:11:00 AM	2,4,5-TP	n/a	<	0.2	µg/L	EPA 515.4	0.2	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/11/2022 11:11:00 AM	2,4-D	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/11/2022 11:11:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/11/2022 11:11:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	4,4'-DDD	n/a	<	0.027	µg/L	EPA 608.3	0.027	0.5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	4,4'-DDE	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	4,4'-DDT	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/11/2022 11:11:00 AM	Acifluorfen	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	Alachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	Atrazine	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/11/2022 11:11:00 AM	Bentazon	n/a	<	4	µg/L	EPA 515.4	4	4	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	Bromacil	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	Butachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	Captan	n/a	<	0.32	µg/L	EPA 525.2	0.32	1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	Chlorpropham	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Chlorpyrifos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Coumaphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/11/2022 11:11:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/11/2022 11:11:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Diazinon	n/a	<	0.001	µg/L	EPA 625.1m	0.001	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	Diazinon	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/11/2022 11:11:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/11/2022 11:11:00 AM	Dichlorprop	n/a	<	1	µg/L	EPA 515.4	1	1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Dichlorvos	n/a	=	0.019	µg/L	EPA 625.1m	0.0009	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	Dieldrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	Dimethoate	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Dimethoate	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/11/2022 11:11:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	Disulfoton	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Disulfoton	n/a	<	0.0017	µg/L	EPA 625.1m	0.0017	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	Endosulfan I	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	EPTC	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Ethoprop	n/a	<	0.0006	µg/L	EPA 625.1m	0.0006	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Fensulfothion	n/a	<	0.0029	µg/L	EPA 625.1m	0.0029	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	gamma-BHC (Lindane)	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/6/2022 3:03:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	Heptachlor	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	Heptachlor epoxide	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Malathion	n/a	=	0.014	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Methyl parathion	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	Metolachlor	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	Metribuzin	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Mevinphos	n/a	<	0.0013	µg/L	EPA 625.1m	0.0013	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	Molinate	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Naled	n/a	<	0.0007	µg/L	EPA 625.1m	0.0007	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/7/2023 6:22:00 AM	Pentachlorophenol	n/a	<	0.3	µg/L	EPA 8270C	0.3	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/11/2022 11:11:00 AM	Pentachlorophenol	n/a	=	0.2	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	1/4/2023 11:25:00 PM	Pentachlorophenol	n/a	DNQ	0.99	µg/L	EPA 625.1	0.8	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Phorate	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/11/2022 11:11:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	Prometryn	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	Simazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	Terbacil	n/a	<	0.09	µg/L	EPA 525.2	0.09	2	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	Thiobencarb	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.1	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/28/2022 1:49:00 AM	Toxaphene	n/a	<	2.5	µg/L	EPA 608.3	2.5	5	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/13/2022 5:02:00 AM	Trichloronate	n/a	<	0.0016	µg/L	EPA 625.1m	0.0016	0.01	WKL	
MO-VEN	2022/23-2	Wet	12/2/2022 5:35:00 AM	12/17/2022 6:20:00 AM	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	
MO-VEN	2022/23-4	Wet	2/24/2023 7:40:00 AM	2/25/2023 11:20:00 AM	E. Coli	n/a	=	2603	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-VEN	2022/23-4	Wet	2/24/2023 7:40:00 AM	2/25/2023 11:20:00 AM	Total Coliform	n/a	=	61310	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-VEN	2022/23-4	Wet	2/24/2023 7:40:00 AM	2/24/2023 7:40:00 AM	Conductivity	n/a	=	145.4	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2022/23-4	Wet	2/24/2023 7:40:00 AM	3/10/2023 4:04:00 PM	Cyanide	Total	<	0.0006	mg/L	ASTM D7511	0.0006	0.002	WKL	
MO-VEN	2022/23-4	Wet	2/24/2023 7:40:00 AM	2/24/2023 7:40:00 AM	DO	n/a	=	100.8	%	Field Meter	-88	0.1	Field Crew	
MO-VEN	2022/23-4	Wet	2/24/2023 7:40:00 AM	2/24/2023 7:40:00 AM	DO	n/a	=	11.33	mg/L	Field Meter	-88	0.3	Field Crew	
MO-VEN	2022/23-4	Wet	2/24/2023 7:40:00 AM	2/24/2023 7:40:00 AM	pH	n/a	=	7.58	pH Units	Field Meter	-88	0.01	Field Crew	
MO-VEN	2022/23-4	Wet	2/24/2023 7:40:00 AM	2/24/2023 7:40:00 AM	Salinity	n/a	=	100	mg/L	Field Meter	-88	100	Field Crew	
MO-VEN	2022/23-4	Wet	2/24/2023 7:40:00 AM	2/24/2023 7:40:00 AM	Specific Conductance	n/a	=	204.2	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2022/23-4	Wet	2/24/2023 7:40:00 AM	2/24/2023 7:40:00 AM	Temperature	n/a	=	10.3	°C	Field Meter	-88	0.1	Field Crew	
MO-VEN	2022/23-4	Wet	2/24/2023 7:40:00 AM	3/1/2023 12:14:00 PM	Gasoline Range Organics	n/a	DNQ	0.09	mg/L	EPA 8260B	0.065	0.1	WKL	
MO-VEN	2022/23-4	Wet	2/24/2023 7:40:00 AM	3/17/2023 4:58:00 PM	Oil and Grease	n/a	DNQ	1.2	mg/L	EPA 1664B	0.6	4	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/7/2023 1:21:00 AM	Chloride	n/a	=	8.3	mg/L	EPA 300.0	0.38	1	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/7/2023 1:21:00 AM	Fluoride	n/a	DNQ	0.07	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/8/2023 10:34:00 AM	Perchlorate	n/a	<	0.78	µg/L	EPA 314.0	0.78	4	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 7:40:00 PM	Calcium	Total	=	11.2	mg/L	EPA 200.7	0.0736	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 7:40:00 PM	Magnesium	Total	=	3.33	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/2/2023 2:17:00 PM	Alkalinity as CaCO3	n/a	=	27	mg/L	SM 2320 B	1.9	5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/3/2023 1:28:00 PM	BOD	n/a	=	5.6	mg/L	SM 5210 B	2	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/13/2023 10:28:00 AM	COD	n/a	=	50	mg/L	EPA 410.4	2.9	5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 7:40:00 PM	Hardness as CaCO3	Total	=	41.7	mg/L	EPA 200.7	0.344	3.31	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	2/26/2023 3:35:00 PM	MBAS	n/a	=	0.11	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/15/2023 3:48:00 PM	Phenolics	n/a	<	0.0068	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/8/2023 10:31:00 AM	Specific Conductance	n/a	=	130	µmhos/cm	SM 2510 B	1.1	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/2/2023 12:22:00 PM	Total Dissolved Solids	n/a	=	80	mg/L	SM 2540 C	4	10	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/2/2023 2:48:00 AM	Total Organic Carbon	n/a	=	5.2	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/2/2023 5:22:00 PM	Total Suspended Solids	n/a	=	210	mg/L	SM 2540 D	-88	5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	2/26/2023 5:06:00 PM	Turbidity	n/a	=	59	NTU	EPA 180.1	0.034	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/2/2023 5:22:00 PM	Volatile Suspended Solids	n/a	=	41	mg/L	EPA 160.4	3.1	5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 3:07:00 PM	Diesel Range Organics	n/a	=	0.37	mg/L	EPA 8015B	0.072	0.1	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 3:07:00 PM	Oil Range Organics	n/a	DNQ	0.46	mg/L	EPA 8015B	0.22	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:40:00 PM	Aluminum	Dissolved	=	23	µg/L	EPA 200.8	4.4	20	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:43:00 PM	Aluminum	Total	=	3100	µg/L	EPA 200.8	4.4	20	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:40:00 PM	Antimony	Dissolved	=	0.51	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:43:00 PM	Antimony	Total	=	1	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:40:00 PM	Arsenic	Dissolved	=	1	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:43:00 PM	Arsenic	Total	=	2.6	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:43:00 PM	Barium	Total	=	47	µg/L	EPA 200.8	0.14	1	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:40:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:43:00 PM	Beryllium	Total	=	0.1	µg/L	EPA 200.8	0.029	0.1	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:40:00 PM	Cadmium	Dissolved	<	0.042	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:43:00 PM	Cadmium	Total	=	0.25	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:40:00 PM	Chromium	Dissolved	=	0.81	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:43:00 PM	Chromium	Total	=	6.5	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 6:33:00 PM	Chromium VI	n/a	=	0.82	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:40:00 PM	Copper	Dissolved	=	5.1	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:43:00 PM	Copper	Total	=	20	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:40:00 PM	Iron	Dissolved	=	40	µg/L	EPA 200.8	3.9	20	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:43:00 PM	Iron	Total	=	4500	µg/L	EPA 200.8	3.9	20	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:40:00 PM	Lead	Dissolved	=	0.25	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:43:00 PM	Lead	Total	=	12	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:38:00 AM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:40:00 AM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:40:00 PM	Nickel	Dissolved	DNQ	0.98	µg/L	EPA 200.8	0.16	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:43:00 PM	Nickel	Total	=	6.5	µg/L	EPA 200.8	0.4	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:40:00 PM	Selenium	Dissolved	DNQ	0.24	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:43:00 PM	Selenium	Total	=	0.44	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:40:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:43:00 PM	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:40:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:43:00 PM	Thallium	Total	DNQ	0.045	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:40:00 PM	Zinc	Dissolved	=	24	µg/L	EPA 200.8	1.7	10	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/9/2023 1:43:00 PM	Zinc	Total	=	130	µg/L	EPA 200.8	1.7	10	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/13/2023 1:52:00 PM	Ammonia as N	n/a	=	0.13	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/8/2023 3:48:00 PM	Nitrate + Nitrite as N	n/a	=	0.41	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 7:37:00 PM	Phosphorus as P	Dissolved	=	0.12	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 7:40:00 PM	Phosphorus as P	Total	=	0.36	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/21/2023 5:29:00 PM	TKN	n/a	=	1.1	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/31/2023 1:15:00 AM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	LB-LCSR
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 2:54:00 AM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 2:54:00 AM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 2:54:00 AM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 2:54:00 AM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	2,4-Dinitrophenol	n/a	<	3.7	µg/L	EPA 625.1	3.7	20	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 2:54:00 AM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 2:54:00 AM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/31/2023 1:15:00 AM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	LB-LCSR
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 2:54:00 AM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 2:54:00 AM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 2:54:00 AM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	1	µg/L	EPA 625.1	1	10	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 2:54:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 2:54:00 AM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 2:54:00 AM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/31/2023 1:15:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/31/2023 1:15:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/31/2023 1:15:00 AM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Benz(a)anthracene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/31/2023 1:15:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Benzidine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Benzo(a)pyrene	n/a	<	0.78	µg/L	EPA 625.1	0.78	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/31/2023 1:15:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/31/2023 1:15:00 AM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/31/2023 1:15:00 AM	Benzo(g,h,i)perylene	n/a	DNQ	0.11	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Benzo(k)fluoranthene	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/31/2023 1:15:00 AM	Benzo(k)fluoranthene	n/a	DNQ	0.095	µg/L	EPA 8270C	0.052	0.2	WKL	ANI
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	Bis(2-ethylhexyl)adipate	n/a	<	2.1	µg/L	EPA 525.2	2.1	25	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	2	µg/L	EPA 525.2	2	15	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Butyl benzyl phthalate	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/31/2023 1:15:00 AM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Dibenz(a,h)anthracene	n/a	<	0.3	µg/L	EPA 625.1	0.3	4	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/31/2023 1:15:00 AM	Dibenz(a,h)anthracene	n/a	<	0.072	µg/L	EPA 8270C	0.072	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Di-n-butylphthalate	n/a	<	0.68	µg/L	EPA 625.1	0.68	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/31/2023 1:15:00 AM	Fluoranthene	n/a	DNQ	0.13	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/31/2023 1:15:00 AM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Hexachlorocyclopentadiene	n/a	<	0.62	µg/L	EPA 625.1	0.62	10	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	Hexachlorocyclopentadiene	n/a	<	0.46	µg/L	EPA 525.2	0.46	5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Indeno(1,2,3-cd)pyrene	n/a	<	0.49	µg/L	EPA 625.1	0.49	4	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/31/2023 1:15:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/31/2023 1:15:00 AM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/31/2023 1:15:00 AM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 2:54:00 AM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Phenol	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/31/2023 1:15:00 AM	Pyrene	n/a	DNQ	0.13	µg/L	EPA 8270C	0.08	0.2	WKL	UL-MB
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	PCB Aroclor 1016	n/a	<	0.29	µg/L	EPA 608.3	0.29	5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	PCB Aroclor 1221	n/a	<	0.6	µg/L	EPA 608.3	0.6	5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	PCB Aroclor 1232	n/a	<	0.83	µg/L	EPA 608.3	0.83	5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	PCB Aroclor 1242	n/a	<	0.95	µg/L	EPA 608.3	0.95	5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	PCB Aroclor 1248	n/a	<	0.83	µg/L	EPA 608.3	0.83	5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	PCB Aroclor 1254	n/a	<	0.4	µg/L	EPA 608.3	0.4	5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	PCB Aroclor 1260	n/a	<	0.55	µg/L	EPA 608.3	0.55	5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 3:21:00 AM	2,4,5-T	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 3:21:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 3:21:00 AM	2,4-D	n/a	<	0.14	µg/L	EPA 515.4	0.14	0.4	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 3:21:00 AM	2,4-DB	n/a	<	0.19	µg/L	EPA 515.4	0.19	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 3:21:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	4,4'-DDD	n/a	<	0.027	µg/L	EPA 608.3	0.027	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	4,4'-DDE	n/a	DNQ	0.021	µg/L	EPA 608.3	0.018	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	4,4'-DDT	n/a	<	0.028	µg/L	EPA 608.3	0.028	0.1	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 3:21:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	Alachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	Aldrin	n/a	<	0.01	µg/L	EPA 608.3	0.01	0.05	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	alpha-BHC	n/a	<	0.011	µg/L	EPA 608.3	0.011	0.1	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	alpha-Chlordane	n/a	<	0.029	µg/L	EPA 608.3	0.029	0.1	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	Atrazine	n/a	<	0.054	µg/L	EPA 525.2	0.054	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 3:21:00 AM	Bentazon	n/a	<	0.23	µg/L	EPA 515.4	0.23	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	beta-BHC	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.05	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	Bromacil	n/a	<	0.35	µg/L	EPA 525.2	0.35	2.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	Butachlor	n/a	<	0.061	µg/L	EPA 525.2	0.061	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	Captan	n/a	<	1.6	µg/L	EPA 525.2	1.6	5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	Chlordane (technical)	n/a	<	0.43	µg/L	EPA 608.3	0.43	1	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	Chlorpropham	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 3:21:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 3:21:00 AM	DCPA (Dacthal)	n/a	<	0.029	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 3:21:00 PM	delta-BHC	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.05	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	Diazinon	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 3:21:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 3:21:00 AM	Dichlorprop	n/a	<	0.12	µg/L	EPA 515.4	0.12	0.3	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 3:21:00 PM	Dieldrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	Dimethoate	n/a	<	0.1	µg/L	EPA 525.2	0.1	1	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 3:21:00 AM	Dinoseb	n/a	<	0.033	µg/L	EPA 515.4	0.033	0.4	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	Diphenamid	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	Disulfoton	n/a	<	0.077	µg/L	EPA 525.2	0.077	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	Endosulfan I	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.2	WKL	LB-LCSR
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	Endosulfan II	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	Endosulfan sulfate	n/a	<	0.013	µg/L	EPA 608.3	0.013	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	Endrin	n/a	<	0.017	µg/L	EPA 608.3	0.017	0.1	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	Endrin aldehyde	n/a	<	0.019	µg/L	EPA 608.3	0.019	0.1	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	EPTC	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Ethioprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Fensulfothion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	gamma-BHC (Lindane)	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	gamma-Chlordane	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/4/2023 3:01:00 AM	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	LB-MSR
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	Heptachlor	n/a	<	0.023	µg/L	EPA 608.3	0.023	0.1	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	Heptachlor epoxide	n/a	<	0.018	µg/L	EPA 608.3	0.018	0.1	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Malathion	n/a	DNQ	0.004	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	Metolachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	Molinate	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 2:54:00 AM	Pentachlorophenol	n/a	DNQ	1.1	µg/L	EPA 8270C	0.3	2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	4/1/2023 4:47:00 PM	Pentachlorophenol	n/a	<	0.8	µg/L	EPA 625.1	0.8	2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 3:21:00 AM	Pentachlorophenol	n/a	DNQ	0.11	µg/L	EPA 515.4	0.046	0.2	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 3:21:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Ronnel (Fenchlorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	Terbacil	n/a	<	0.45	µg/L	EPA 525.2	0.45	10	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	Thiobencarb	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/16/2023 12:10:00 PM	Toxaphene	n/a	<	0.85	µg/L	EPA 608.3	0.85	5	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/10/2023 11:20:00 PM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
MO-VEN	2022/23-4	Wet	2/25/2023 8:10:00 AM	3/14/2023 5:34:00 PM	Trithion	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.5	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/23/2023 2:38:00 AM	Chloride	n/a	=	260	mg/L	EPA 300.0	0.38	1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/23/2023 2:38:00 AM	Fluoride	n/a	=	1.1	mg/L	EPA 300.0	0.018	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/1/2023 3:43:00 AM	Perchlorate	n/a	=	38	µg/L	EPA 314.0	3.9	20	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/19/2023 1:15:00 PM	E. Coli	n/a	=	10	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/19/2023 1:15:00 PM	Total Coliform	n/a	=	101120	MPN/100 mL	MMO-MUG	100	100	VCHCA	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 4:23:00 PM	Calcium	Total	=	243	mg/L	EPA 200.7	0.0736	0.5	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 4:23:00 PM	Magnesium	Total	=	193	mg/L	EPA 200.7	0.039	0.5	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/26/2023 3:41:00 PM	Alkalinity as CaCO3	n/a	=	300	mg/L	SM 2320 B	1.9	5	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/24/2023 5:42:00 PM	BOD	n/a	=	74	mg/L	SM 5210 B	2	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/6/2023 6:43:00 PM	COD	n/a	=	370	mg/L	EPA 410.4	2.9	5	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/18/2023 10:40:00 AM	Conductivity	n/a	=	4590	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 5:18:00 PM	Cyanide	Total	=	0.0028	mg/L	ASTM D7511	0.0006	0.002	WKL	UL-MB
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/18/2023 10:40:00 AM	DO	n/a	=	89.1	%	Field Meter	-88	0.1	Field Crew	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/18/2023 10:40:00 AM	DO	n/a	=	8.09	mg/L	Field Meter	-88	0.3	Field Crew	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 4:23:00 PM	Hardness as CaCO3	Total	=	1400	mg/L	EPA 200.7	0.344	3.31	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/19/2023 6:25:00 PM	MBAS	n/a	=	0.077	mg/L	SM 5540 C	0.023	0.05	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/18/2023 10:40:00 AM	pH	n/a	=	8.63	pH Units	Field Meter	-88	0.01	Field Crew	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/6/2023 4:49:00 PM	Phenolics	n/a	=	0.026	mg/L	EPA 420.4	0.0068	0.01	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/18/2023 10:40:00 AM	Salinity	n/a	=	2800	mg/L	Field Meter	-88	100	Field Crew	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/18/2023 10:40:00 AM	Specific Conductance	n/a	=	5110	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 11:12:00 AM	Specific Conductance	n/a	=	5300	µmhos/cm	SM 2510 B	1.1	200	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/18/2023 10:40:00 AM	Temperature	n/a	=	19.6	°C	Field Meter	-88	0.1	Field Crew	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/22/2023 1:52:00 PM	Total Dissolved Solids	n/a	=	4700	mg/L	SM 2540 C	4	10	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/1/2023 12:24:00 PM	Total Organic Carbon	n/a	=	140	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/23/2023 12:05:00 PM	Total Suspended Solids	n/a	=	11	mg/L	SM 2540 D	-88	5	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/19/2023 7:48:00 PM	Turbidity	n/a	=	8.4	NTU	EPA 180.1	0.017	0.1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/23/2023 12:05:00 PM	Volatile Suspended Solids	n/a	=	10	mg/L	EPA 160.4	3.1	5	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/27/2023 7:38:00 PM	Diesel Range Organics	n/a	=	0.98	mg/L	EPA 8015B	0.072	0.1	WKL	EST-HT
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/1/2023 8:57:00 PM	Gasoline Range Organics	n/a	DNQ	0.65	mg/L	EPA 8260B	0.32	1.5	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/22/2023 5:08:00 PM	Oil and Grease	n/a	DNQ	1.7	mg/L	EPA 1664B	0.6	4	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/27/2023 7:38:00 PM	Oil Range Organics	n/a	=	0.57	mg/L	EPA 8015B	0.22	0.5	WKL	EST-HT
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:33:00 PM	Aluminum	Dissolved	=	22	µg/L	EPA 200.8	4.4	20	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:36:00 PM	Aluminum	Total	=	39	µg/L	EPA 200.8	4.4	20	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:33:00 PM	Antimony	Dissolved	=	0.85	µg/L	EPA 200.8	0.089	0.5	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:36:00 PM	Antimony	Total	=	0.87	µg/L	EPA 200.8	0.089	0.5	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:33:00 PM	Arsenic	Dissolved	=	9.4	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:36:00 PM	Arsenic	Total	=	9.3	µg/L	EPA 200.8	0.074	0.4	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:36:00 PM	Barium	Total	=	64	µg/L	EPA 200.8	0.14	1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:33:00 PM	Beryllium	Dissolved	<	0.062	µg/L	EPA 200.8	0.062	0.1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:36:00 PM	Beryllium	Total	<	0.029	µg/L	EPA 200.8	0.029	0.1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:33:00 PM	Cadmium	Dissolved	DNQ	0.049	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:36:00 PM	Cadmium	Total	DNQ	0.061	µg/L	EPA 200.8	0.042	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:33:00 PM	Chromium	Dissolved	=	0.95	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:36:00 PM	Chromium	Total	=	1.2	µg/L	EPA 200.8	0.089	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 7:22:00 PM	Chromium VI	n/a	<	0.0079	µg/L	EPA 218.6	0.0079	0.02	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:33:00 PM	Copper	Dissolved	=	12	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:36:00 PM	Copper	Total	=	14	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:36:00 PM	Iron	Dissolved	=	140	µg/L	EPA 200.8	3.9	20	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:36:00 PM	Iron	Total	=	230	µg/L	EPA 200.8	3.9	20	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:33:00 PM	Lead	Dissolved	=	1.3	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:36:00 PM	Lead	Total	=	1.8	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/24/2023 1:26:00 PM	Mercury	Dissolved	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/24/2023 1:28:00 PM	Mercury	Total	<	37	ng/L	EPA 245.1	37	50	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:33:00 PM	Nickel	Dissolved	=	5.4	µg/L	EPA 200.8	0.16	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:36:00 PM	Nickel	Total	=	5.6	µg/L	EPA 200.8	0.4	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:33:00 PM	Selenium	Dissolved	=	9.9	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:36:00 PM	Selenium	Total	=	10	µg/L	EPA 200.8	0.067	0.4	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:33:00 PM	Silver	Dissolved	<	0.03	µg/L	EPA 200.8	0.03	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:36:00 PM	Silver	Total	<	0.055	µg/L	EPA 200.8	0.055	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:33:00 PM	Thallium	Dissolved	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:36:00 PM	Thallium	Total	<	0.021	µg/L	EPA 200.8	0.021	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:33:00 PM	Zinc	Dissolved	DNQ	9.2	µg/L	EPA 200.8	1.7	10	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 2:36:00 PM	Zinc	Total	=	12	µg/L	EPA 200.8	1.7	10	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 6:32:00 PM	Ammonia as N	n/a	DNQ	0.032	mg/L	EPA 350.1	0.017	0.1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/19/2023 5:09:00 PM	Nitrate + Nitrite as N	n/a	DNQ	0.042	mg/L	EPA 353.2	0.036	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 4:20:00 PM	Phosphorus as P	Dissolved	=	0.12	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 4:23:00 PM	Phosphorus as P	Total	=	0.16	mg/L	EPA 200.7	0.018	0.05	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/7/2023 6:30:00 PM	TKN	n/a	=	2.2	mg/L	EPA 351.2	0.065	0.1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	1,2,4-Trichlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	1,2-Dichlorobenzene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	LB-LCSR
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	1,2-Diphenylhydrazine	n/a	<	0.6	µg/L	EPA 625.1	0.6	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	1,3-Dichlorobenzene	n/a	<	0.84	µg/L	EPA 625.1	0.84	2	WKL	LB-LCSR
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	1,4-Dichlorobenzene	n/a	<	0.96	µg/L	EPA 625.1	0.96	2	WKL	LB-LCSR
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/20/2023 7:54:00 AM	1-Methylnaphthalene	n/a	<	0.048	µg/L	EPA 8270C	0.048	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/21/2023 11:43:00 PM	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270C	0.58	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	2,4,6-Trichlorophenol	n/a	<	0.44	µg/L	EPA 625.1	0.44	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/21/2023 11:43:00 PM	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	2,4-Dichlorophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/21/2023 11:43:00 PM	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270C	1	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	2,4-Dimethylphenol	n/a	<	1.5	µg/L	EPA 625.1	1.5	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/21/2023 11:43:00 PM	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	2,4-Dinitrophenol	n/a	<	8.9	µg/L	EPA 625.1	8.9	20	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/21/2023 11:43:00 PM	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	2,4-Dinitrotoluene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	LB-LCSR
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	2,6-Dinitrotoluene	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	2-Chloronaphthalene	n/a	<	0.9	µg/L	EPA 625.1	0.9	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/21/2023 11:43:00 PM	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270C	1.3	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	2-Chlorophenol	n/a	<	0.56	µg/L	EPA 625.1	0.56	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/20/2023 7:54:00 AM	2-Methylnaphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/21/2023 11:43:00 PM	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270C	0.68	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/21/2023 11:43:00 PM	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270C	1.4	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	2-Nitrophenol	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	3,3'-Dichlorobenzidine	n/a	<	5	µg/L	EPA 625.1	5	10	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/21/2023 11:43:00 PM	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270C	0.6	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	4,6-Dinitro-2-methylphenol	n/a	<	4.8	µg/L	EPA 625.1	4.8	10	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/21/2023 11:43:00 PM	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270C	0.28	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	4-Bromophenyl phenyl ether	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/21/2023 11:43:00 PM	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270C	0.74	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	4-Chloro-3-methylphenol	n/a	<	0.46	µg/L	EPA 625.1	0.46	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	4-Chlorophenyl phenyl ether	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/21/2023 11:43:00 PM	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270C	2	4	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	4-Nitrophenol	n/a	<	2.5	µg/L	EPA 625.1	2.5	10	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Acenaphthene	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/20/2023 7:54:00 AM	Acenaphthene	n/a	<	0.056	µg/L	EPA 8270C	0.056	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/20/2023 7:54:00 AM	Acenaphthylene	n/a	<	0.066	µg/L	EPA 8270C	0.066	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Acenaphthylene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/20/2023 7:54:00 AM	Anthracene	n/a	<	0.05	µg/L	EPA 8270C	0.05	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Anthracene	n/a	<	0.82	µg/L	EPA 625.1	0.82	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/20/2023 7:54:00 AM	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Benz(a)anthracene	n/a	<	0.92	µg/L	EPA 625.1	0.92	20	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Benzenidine	n/a	<	6.4	µg/L	EPA 625.1	6.4	20	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	Benzo(a)pyrene	n/a	<	0.45	µg/L	EPA 525.2	0.45	1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Benzo(a)pyrene	n/a	<	1.6	µg/L	EPA 625.1	1.6	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/20/2023 7:54:00 AM	Benzo(a)pyrene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Benzo(b)fluoranthene	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/20/2023 7:54:00 AM	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Benzo(g,h,i)perylene	n/a	<	0.84	µg/L	EPA 625.1	0.84	4	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/20/2023 7:54:00 AM	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270C	0.1	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Benzo(k)fluoranthene	n/a	<	1.4	µg/L	EPA 625.1	1.4	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/20/2023 7:54:00 AM	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270C	0.12	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Bis(2-chloroethoxy)methane	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Bis(2-chloroethyl)ether	n/a	<	0.54	µg/L	EPA 625.1	0.54	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Bis(2-chloroisopropyl)ether	n/a	<	0.76	µg/L	EPA 625.1	0.76	2	WKL	LB-LCSR
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	Bis(2-ethylhexyl)adipate	n/a	<	3.8	µg/L	EPA 525.2	3.8	50	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.1	µg/L	EPA 525.2	4.1	30	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Bis(2-ethylhexyl)phthalate	n/a	<	4.6	µg/L	EPA 625.1	4.6	10	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Butyl benzyl phthalate	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Chrysene	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/20/2023 7:54:00 AM	Chrysene	n/a	<	0.15	µg/L	EPA 8270C	0.15	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/20/2023 7:54:00 AM	Dibenz(a,h)anthracene	n/a	<	0.16	µg/L	EPA 8270C	0.16	0.2	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Dibenz(a,h)anthracene	n/a	<	1.2	µg/L	EPA 625.1	1.2	4	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Diethyl phthalate	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Dimethyl phthalate	n/a	<	0.36	µg/L	EPA 625.1	0.36	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Di-n-butylphthalate	n/a	<	0.68	µg/L	EPA 625.1	0.68	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Di-n-octylphthalate	n/a	<	0.92	µg/L	EPA 625.1	0.92	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Fluoranthene	n/a	<	0.69	µg/L	EPA 625.1	0.69	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/20/2023 7:54:00 AM	Fluoranthene	n/a	<	0.078	µg/L	EPA 8270C	0.078	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/20/2023 7:54:00 AM	Fluorene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Fluorene	n/a	<	0.7	µg/L	EPA 625.1	0.7	2	WKL	LB-LCSR
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Hexachlorobenzene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Hexachlorobutadiene	n/a	<	0.94	µg/L	EPA 625.1	0.94	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	Hexachlorocyclopentadiene	n/a	<	0.92	µg/L	EPA 525.2	0.92	10	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Hexachlorocyclopentadiene	n/a	<	3	µg/L	EPA 625.1	3	10	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Hexachloroethane	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	LB-LCSR
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	1.3	µg/L	EPA 625.1	1.3	4	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/20/2023 7:54:00 AM	Indeno(1,2,3-cd)pyrene	n/a	<	0.13	µg/L	EPA 8270C	0.13	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Isophorone	n/a	<	0.42	µg/L	EPA 625.1	0.42	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Naphthalene	n/a	<	0.98	µg/L	EPA 625.1	0.98	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/20/2023 7:54:00 AM	Naphthalene	n/a	<	0.052	µg/L	EPA 8270C	0.052	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Nitrobenzene	n/a	<	0.72	µg/L	EPA 625.1	0.72	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	N-Nitrosodimethylamine	n/a	<	1	µg/L	EPA 625.1	1	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	N-Nitrosodi-N-propylamine	n/a	<	0.52	µg/L	EPA 625.1	0.52	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	N-Nitrosodiphenylamine	n/a	<	0.38	µg/L	EPA 625.1	0.38	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/20/2023 7:54:00 AM	Phenanthrene	n/a	<	0.058	µg/L	EPA 8270C	0.058	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Phenanthrene	n/a	<	0.64	µg/L	EPA 625.1	0.64	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/21/2023 11:43:00 PM	Phenol	n/a	<	0.7	µg/L	EPA 8270C	0.7	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Phenol	n/a	<	0.33	µg/L	EPA 625.1	0.33	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Pyrene	n/a	<	0.5	µg/L	EPA 625.1	0.5	2	WKL	LB-LCSR
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/20/2023 7:54:00 AM	Pyrene	n/a	<	0.08	µg/L	EPA 8270C	0.08	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	PCB Aroclor 1016	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	PCB Aroclor 1221	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	PCB Aroclor 1232	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	PCB Aroclor 1242	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	PCB Aroclor 1248	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	PCB Aroclor 1254	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	PCB Aroclor 1260	n/a	<	0.5	µg/L	EPA 608.3	0.5	2.5	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 9:22:00 AM	2,4,5-T	n/a	<	0.2	µg/L	EPA 515.4	0.2	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 9:22:00 AM	2,4,5-TP	n/a	<	0.026	µg/L	EPA 515.4	0.026	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 9:22:00 AM	2,4-D	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 9:22:00 AM	2,4-DB	n/a	<	4	µg/L	EPA 515.4	4	4	WKL	DF
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 9:22:00 AM	3,5-Dichlorobenzoic acid	n/a	<	0.12	µg/L	EPA 515.4	0.12	1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	4,4'-DDD	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.25	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	4,4'-DDE	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.25	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	4,4'-DDT	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 9:22:00 AM	Acifluorfen	n/a	<	0.03	µg/L	EPA 515.4	0.03	0.4	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	Alachlor	n/a	<	0.63	µg/L	EPA 525.2	0.63	1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	Aldrin	n/a	<	0.005	µg/L	EPA 608.3	0.005	0.025	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	alpha-BHC	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	alpha-Chlordane	n/a	<	0.014	µg/L	EPA 608.3	0.014	0.05	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	Atrazine	n/a	<	0.42	µg/L	EPA 525.2	0.42	1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Azinphos methyl	n/a	<	0.0053	µg/L	EPA 625.1m	0.0053	0.01	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 9:22:00 AM	Bentazon	n/a	<	2	µg/L	EPA 515.4	2	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	beta-BHC	n/a	<	0.025	µg/L	EPA 608.3	0.025	0.025	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Bolstar	n/a	<	0.0027	µg/L	EPA 625.1m	0.0027	0.01	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	Bromacil	n/a	<	2.4	µg/L	EPA 525.2	2.4	5	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	Butachlor	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	Captan	n/a	<	3.2	µg/L	EPA 525.2	3.2	10	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	Chlordane (technical)	n/a	<	0.22	µg/L	EPA 608.3	0.22	0.5	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	Chlorpropham	n/a	<	0.4	µg/L	EPA 525.2	0.4	1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Chlorpyrifos	n/a	<	0.004	µg/L	EPA 625.1m	0.004	0.01	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Coumaphos	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 9:22:00 AM	Dalapon	n/a	<	0.11	µg/L	EPA 515.4	0.11	0.4	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 9:22:00 AM	DPCA (Dacthal)	n/a	=	0.21	µg/L	EPA 515.4	0.029	0.1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	delta-BHC	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.025	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Demeton-O	n/a	<	0.0019	µg/L	EPA 625.1m	0.0019	0.01	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Demeton-S	n/a	<	0.0014	µg/L	EPA 625.1m	0.0014	0.01	WKL	LB-LCSR
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Diazinon	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	LB-LCSR
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	Diazinon	n/a	<	0.22	µg/L	EPA 525.2	0.22	1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 9:22:00 AM	Dicamba	n/a	<	0.049	µg/L	EPA 515.4	0.049	0.6	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 9:22:00 AM	Dichlorprop	n/a	<	0.3	µg/L	EPA 515.4	0.3	0.3	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Dichlorvos	n/a	<	0.0026	µg/L	EPA 625.1m	0.0026	0.01	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	Dieldrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	Dimethoate	n/a	<	0.41	µg/L	EPA 525.2	0.41	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Dimethoate	n/a	<	0.0089	µg/L	EPA 625.1m	0.0089	0.01	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 9:22:00 AM	Dinoseb	n/a	<	0.4	µg/L	EPA 515.4	0.4	0.4	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	Diphenamid	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Disulfoton	n/a	<	0.0035	µg/L	EPA 625.1m	0.0035	0.01	WKL	LB-LCSR
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	Disulfoton	n/a	<	1.1	µg/L	EPA 525.2	1.1	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	Endosulfan I	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	Endosulfan sulfate	n/a	<	0.015	µg/L	EPA 608.3	0.015	0.25	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	Endrin	n/a	<	0.0085	µg/L	EPA 608.3	0.0085	0.05	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	Endrin aldehyde	n/a	<	0.0095	µg/L	EPA 608.3	0.0095	0.05	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	EPTC	n/a	<	0.2	µg/L	EPA 525.2	0.2	1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Ethoprop	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	LB-LCSR
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Ethyl parathion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Fensulfothion	n/a	<	0.0086	µg/L	EPA 625.1m	0.0086	0.01	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Fenthion	n/a	<	0.0021	µg/L	EPA 625.1m	0.0021	0.01	WKL	LB-LCSR
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	gamma-BHC (Lindane)	n/a	<	0.0075	µg/L	EPA 608.3	0.0075	0.1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	gamma-Chlordane	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/31/2023 12:59:00 PM	Glyphosate	n/a	=	34	µg/L	EPA 547	1.8	5	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	Heptachlor	n/a	<	0.012	µg/L	EPA 608.3	0.012	0.05	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 2:39:00 AM	Heptachlor epoxide	n/a	<	0.009	µg/L	EPA 608.3	0.009	0.05	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Malathion	n/a	DNQ	0.0028	µg/L	EPA 625.1m	0.0021	0.01	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Merphos	n/a	<	0.0055	µg/L	EPA 625.1m	0.0055	0.01	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Methyl parathion	n/a	<	0.0031	µg/L	EPA 625.1m	0.0031	0.01	WKL	

Appendix G  
Laboratory Environmental Analysis Results

Site ID	Event	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	Metolachlor	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	Metribuzin	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Mevinphos	n/a	<	0.0042	µg/L	EPA 625.1m	0.0042	0.01	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	Molinate	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Naled	n/a	<	0.0032	µg/L	EPA 625.1m	0.0032	0.01	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 9:22:00 AM	Pentachlorophenol	n/a	<	0.2	µg/L	EPA 515.4	0.2	0.2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/17/2023 1:56:00 AM	Pentachlorophenol	n/a	<	0.8	µg/L	EPA 625.1	0.8	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/21/2023 11:43:00 PM	Pentachlorophenol	n/a	DNQ	1.5	µg/L	EPA 8270C	0.3	2	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Phorate	n/a	<	0.0034	µg/L	EPA 625.1m	0.0034	0.01	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 9:22:00 AM	Picloram	n/a	<	0.05	µg/L	EPA 515.4	0.05	0.6	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	Prometryn	n/a	<	0.3	µg/L	EPA 525.2	0.3	1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Ronnel (Fenchlorphos)	n/a	<	0.0036	µg/L	EPA 625.1m	0.0036	0.01	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	Simazine	n/a	<	0.58	µg/L	EPA 525.2	0.58	1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 9:22:00 AM	Stirophos (Tetrachlorvinphos)	n/a	<	0.0024	µg/L	EPA 625.1m	0.0024	0.01	WKL	LB-LCSR
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	Terbacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	20	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	Thiobencarb	n/a	<	0.69	µg/L	EPA 525.2	0.69	1	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Tokuthion	n/a	<	0.0022	µg/L	EPA 625.1m	0.0022	0.01	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/8/2023 3:39:00 AM	Toxaphene	n/a	<	1.2	µg/L	EPA 608.3	1.2	2.5	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	5/27/2023 3:24:00 AM	Trichloronate	n/a	<	0.0037	µg/L	EPA 625.1m	0.0037	0.01	WKL	
MO-VEN	2022/23-6	Dry	5/18/2023 10:40:00 AM	6/13/2023 2:43:00 AM	Trithion	n/a	<	0.54	µg/L	EPA 525.2	0.54	1	WKL	
MO-VEN	2023-DRY	Dry	8/30/2023 9:25:00 AM	8/31/2023 2:45:00 PM	E. Coli	n/a	=	1565	MPN/100 mL	MMO-MUG	10	10	VCHCA	
MO-VEN	2023-DRY	Dry	8/30/2023 9:25:00 AM	8/31/2023 2:45:00 PM	Total Coliform	n/a	=	2419600	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	
MO-VEN	2023-DRY	Dry	8/30/2023 9:25:00 AM	9/18/2023 11:53:00 AM	Calcium	Total	=	465	mg/L	EPA 200.7	0.368	2.5	WKL	
MO-VEN	2023-DRY	Dry	8/30/2023 9:25:00 AM	9/18/2023 11:53:00 AM	Magnesium	Total	=	379	mg/L	EPA 200.7	0.195	2.5	WKL	
MO-VEN	2023-DRY	Dry	8/30/2023 9:25:00 AM	8/30/2023 9:25:00 AM	Conductivity	n/a	=	9256	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2023-DRY	Dry	8/30/2023 9:25:00 AM	8/30/2023 9:25:00 AM	Discharge	n/a	=	0.28	cfs	Field Estimate	-88	-88	Field Crew	Est
MO-VEN	2023-DRY	Dry	8/30/2023 9:25:00 AM	8/30/2023 9:25:00 AM	DO	n/a	=	11.7	mg/L	Field Meter	-88	0.3	Field Crew	
MO-VEN	2023-DRY	Dry	8/30/2023 9:25:00 AM	8/30/2023 9:25:00 AM	DO	n/a	=	154.4	%	Field Meter	-88	0.1	Field Crew	
MO-VEN	2023-DRY	Dry	8/30/2023 9:25:00 AM	9/18/2023 11:53:00 AM	Hardness as CaCO3	Total	=	2720	mg/L	EPA 200.7	1.72	16.5	WKL	
MO-VEN	2023-DRY	Dry	8/30/2023 9:25:00 AM	8/30/2023 9:25:00 AM	pH	n/a	=	8.95	pH Units	Field Meter	-88	0.01	Field Crew	
MO-VEN	2023-DRY	Dry	8/30/2023 9:25:00 AM	8/30/2023 9:25:00 AM	Salinity	n/a	=	5000	mg/L	Field Meter	-88	100	Field Crew	
MO-VEN	2023-DRY	Dry	8/30/2023 9:25:00 AM	8/30/2023 9:25:00 AM	Specific Conductance	n/a	=	8965	µmhos/cm	Field Meter	-88	1	Field Crew	
MO-VEN	2023-DRY	Dry	8/30/2023 9:25:00 AM	8/30/2023 9:25:00 AM	Temperature	n/a	=	26.7	°C	Field Meter	-88	0.1	Field Crew	
MO-VEN	2023-DRY	Dry	8/30/2023 9:25:00 AM	9/17/2023 6:16:00 PM	Total Organic Carbon	n/a	=	60	mg/L	SM 5310 B	0.19	0.3	WKL	
MO-VEN	2023-DRY	Dry	8/30/2023 9:25:00 AM	8/30/2023 9:25:00 AM	Turbidity	n/a	=	3.41	NTU	Field Meter	-88	0.01	Field Crew	
MO-VEN	2023-DRY	Dry	8/30/2023 9:25:00 AM	9/13/2023 5:03:00 PM	Copper	Dissolved	=	46	µg/L	EPA 200.8	0.23	0.5	WKL	
MO-VEN	2023-DRY	Dry	8/30/2023 9:25:00 AM	9/13/2023 5:03:00 PM	Lead	Dissolved	=	38	µg/L	EPA 200.8	0.083	0.2	WKL	
MO-VEN	2023-DRY	Dry	8/30/2023 9:25:00 AM	9/13/2023 5:03:00 PM	Zinc	Dissolved	=	180	µg/L	EPA 200.8	1.7	10	WKL	

## **Appendix H. RWQCB Permission of Toxicity Species Substitution**



# California Regional Water Quality Control Board Los Angeles Region



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

Linda S. Adams  
Agency Secretary

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

Arnold Schwarzenegger  
Governor

October 28, 2009

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

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

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

Dear Ms. Camacho:

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

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

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NOV 5 2009

California Environmental Protection Agency

Ms. Norma Camacho, Director  
Ventura County Watershed Protection District

- 2 of 2 -

October 28, 2009

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

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

Sincerely,



Tracy J. Egoscue,  
Executive Officer

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

***California Environmental Protection Agency***