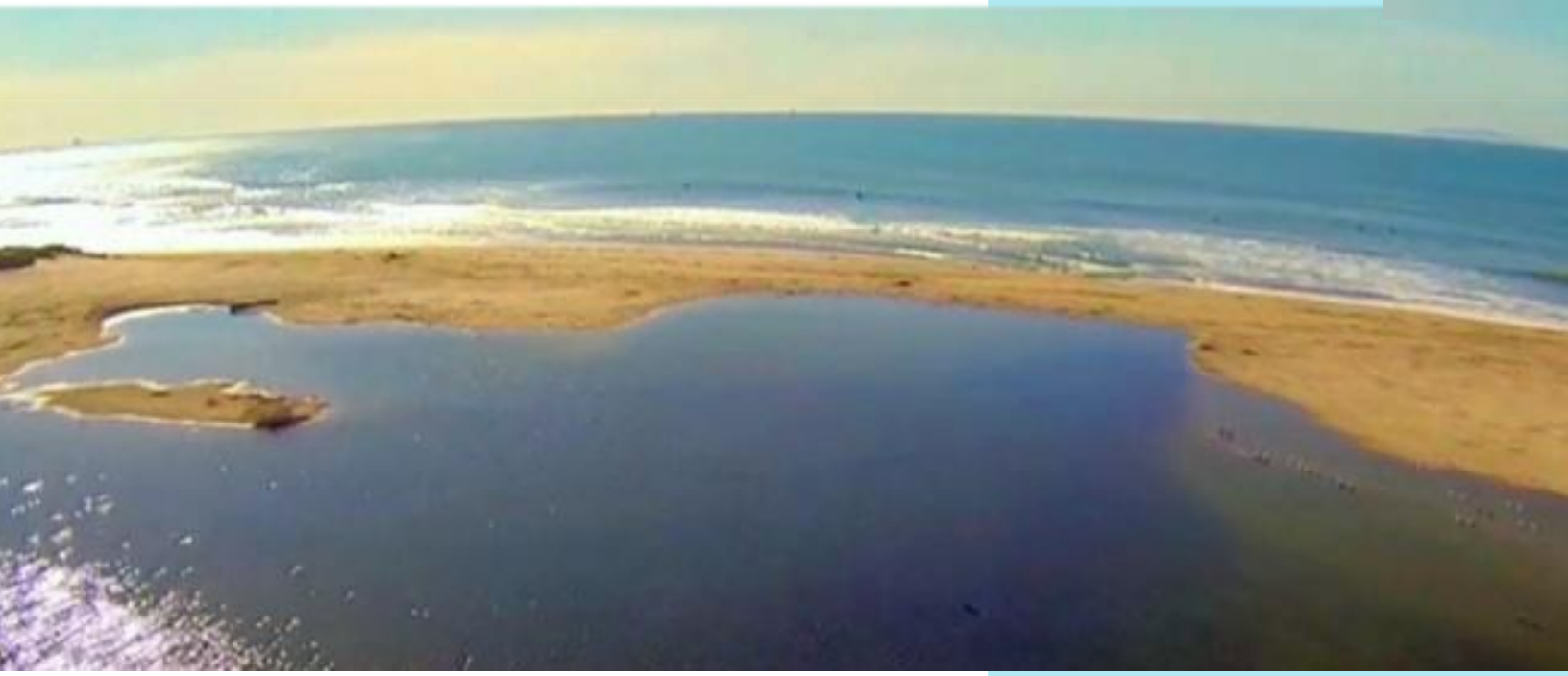
Ventura Countywide Stormwater Quality Management Program

2012-2013 Permit Year

Ventura Countywide Stormwater Quality Management Program Annual Report

Attachment D: Water Quality Monitoring Appendix F, Part 1



December 13, 2013

Camarillo
County of Ventura
Fillmore
Moorpark
Ojai
Oxnard
Port Hueneme
Santa Paula
Simi Valley
Thousand Oaks
Ventura
Ventura County Watershed Protection District

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	000NONPJ	matrix spike	10/16/2012	Anion	Chloride	n/a	=	183	mg/L	EPA 300.0	1	5			QAX,D
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Anion	Chloride	n/a	=	102	%	EPA 300.0	-88	-88	72	118	QAX,D
2012/13-1	000NONPJ	matrix spike dup	10/16/2012	Anion	Chloride	n/a	=	182	mg/L	EPA 300.0	1	5			QAX,D
2012/13-1	000NONPJ	matrix spike dup, rec	10/16/2012	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	72	118	QAX,D
2012/13-1	000NONPJ	matrix spike, RPD	10/16/2012	Anion	Chloride	n/a	=	0.6	%	EPA 300.0	-88	-88	0	20	QAX,D
2012/13-1	000NONPJ	matrix spike	10/16/2012	Anion	Chloride	n/a	=	337	mg/L	EPA 300.0	1	5			QAX,D
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	72	118	QAX,D
2012/13-1	000NONPJ	matrix spike dup	10/16/2012	Anion	Chloride	n/a	=	334	mg/L	EPA 300.0	1	5			QAX,D
2012/13-1	000NONPJ	matrix spike dup, rec	10/16/2012	Anion	Chloride	n/a	=	90	%	EPA 300.0	-88	-88	72	118	QAX,D
2012/13-1	000NONPJ	matrix spike, RPD	10/16/2012	Anion	Chloride	n/a	=	0.8	%	EPA 300.0	-88	-88	0	20	QAX,D
2012/13-1	Lab	method blank	10/16/2012	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2012/13-1	Lab	LCS	10/16/2012	Anion	Chloride	n/a	=	3.91	mg/L	EPA 300.0	0.1	0.5			
2012/13-1	Lab	LCS, rec	10/16/2012	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	90	110	
2012/13-1	000NONPJ	matrix spike	10/16/2012	Anion	Fluoride	n/a	=	19.5	mg/L	EPA 300.0	0.2	1			QAX,D
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	79	109	QAX,D
2012/13-1	000NONPJ	matrix spike dup	10/16/2012	Anion	Fluoride	n/a	=	19.6	mg/L	EPA 300.0	0.2	1			QAX,D
2012/13-1	000NONPJ	matrix spike dup, rec	10/16/2012	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	79	109	QAX,D
2012/13-1	000NONPJ	matrix spike, RPD	10/16/2012	Anion	Fluoride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	QAX,D
2012/13-1	000NONPJ	matrix spike	10/16/2012	Anion	Fluoride	n/a	=	19.2	mg/L	EPA 300.0	0.2	1			QAX,D
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Anion	Fluoride	n/a	=	94	%	EPA 300.0	-88	-88	79	109	QAX,D
2012/13-1	000NONPJ	matrix spike dup	10/16/2012	Anion	Fluoride	n/a	=	19.3	mg/L	EPA 300.0	0.2	1			QAX,D
2012/13-1	000NONPJ	matrix spike dup, rec	10/16/2012	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	79	109	QAX,D
2012/13-1	000NONPJ	matrix spike, RPD	10/16/2012	Anion	Fluoride	n/a	=	0.4	%	EPA 300.0	-88	-88	0	20	QAX,D
2012/13-1	Lab	method blank	10/16/2012	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2012/13-1	Lab	LCS	10/16/2012	Anion	Fluoride	n/a	=	2.05	mg/L	EPA 300.0	0.02	0.1			
2012/13-1	Lab	LCS, rec	10/16/2012	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	90	110	
2012/13-1	000NONPJ	matrix spike	10/17/2012	Anion	Perchlorate	n/a	=	14.1	µg/L	EPA 314.0	0.95	2			QAX
2012/13-1	000NONPJ	matrix spike dup	10/17/2012	Anion	Perchlorate	n/a	=	13.1	µg/L	EPA 314.0	0.95	2			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/17/2012	Anion	Perchlorate	n/a	=	102	%	EPA 314.0	-88	-88	80	120	QAX
2012/13-1	000NONPJ	matrix spike, rec	10/17/2012	Anion	Perchlorate	n/a	=	112	%	EPA 314.0	-88	-88	80	120	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/17/2012	Anion	Perchlorate	n/a	=	7	%	EPA 314.0	-88	-88	0	15	QAX
2012/13-1	Lab	LCS	10/17/2012	Anion	Perchlorate	n/a	=	9.39	µg/L	EPA 314.0	0.95	2			
2012/13-1	Lab	LCS, rec	10/17/2012	Anion	Perchlorate	n/a	=	94	%	EPA 314.0	-88	-88	85	115	
2012/13-1	Lab	method blank	10/17/2012	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2012/13-1	000NONPJ	matrix spike	10/17/2012	Cation	Calcium	Total	=	206	mg/L	EPA 200.7	0.016	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/17/2012	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/17/2012	Cation	Calcium	Total	=	204	mg/L	EPA 200.7	0.016	0.1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/17/2012	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/17/2012	Cation	Calcium	Total	=	0.7	%	EPA 200.7	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/17/2012	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			
2012/13-1	Lab	LCS	10/17/2012	Cation	Calcium	Total	=	48.7	mg/L	EPA 200.7	0.016	0.1			
2012/13-1	Lab	LCS, rec	10/17/2012	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/17/2012	Cation	Magnesium	Total	=	138	mg/L	EPA 200.7	0.012	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/17/2012	Cation	Magnesium	Total	=	103	%	EPA 200.7	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/17/2012	Cation	Magnesium	Total	=	139	mg/L	EPA 200.7	0.012	0.1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/17/2012	Cation	Magnesium	Total	=	105	%	EPA 200.7	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/17/2012	Cation	Magnesium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	QAX

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	Lab	method blank	10/17/2012	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			
2012/13-1	Lab	LCS	10/17/2012	Cation	Magnesium	Total	=	50	mg/L	EPA 200.7	0.012	0.1			
2012/13-1	Lab	LCS, rec	10/17/2012	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2012/13-1	000NONPJ	lab duplicate	10/22/2012	Conventional	Alkalinity as CaCO3	n/a	=	934	mg/L	SM 2320 B	0.56	2		15	QAX
2012/13-1	000NONPJ	lab duplicate, RPD	10/22/2012	Conventional	Alkalinity as CaCO3	n/a	=	2	%	SM 2320 B	0.56	2		15	QAX
2012/13-1	Lab	LCS	10/22/2012	Conventional	Alkalinity as CaCO3	n/a	=	242	mg/L	SM 2320 B	0.56	2			
2012/13-1	Lab	LCS, rec	10/22/2012	Conventional	Alkalinity as CaCO3	n/a	=	97	%	SM 2320 B	-88	-88	94	108	
2012/13-1	Lab	method blank	10/22/2012	Conventional	Alkalinity as CaCO3	n/a	<	0.56	mg/L	SM 2320 B	0.56	2			
2012/13-1	Lab	LCS	10/17/2012	Conventional	BOD	n/a	=	183	mg/L	SM 5210 B	0.1	2			
2012/13-1	Lab	LCS, rec	10/17/2012	Conventional	BOD	n/a	=	92	%	SM 5210 B	-88	-88	85	115	
2012/13-1	000NONPJ	lab duplicate	10/13/2012	Conventional	COD	n/a	=	4760	mg/L	EPA 410.4	7.3	50			QAX,D
2012/13-1	000NONPJ	lab duplicate, RPD	10/13/2012	Conventional	COD	n/a	=	3	%	EPA 410.4	7.3	50			QAX,D
2012/13-1	000NONPJ	matrix spike	10/13/2012	Conventional	COD	n/a	=	2340	mg/L	EPA 410.4	1.5	10			QAX,D
2012/13-1	000NONPJ	matrix spike	10/13/2012	Conventional	COD	n/a	=	234	mg/L	EPA 410.4	1.5	10			QAX,D
2012/13-1	000NONPJ	matrix spike dup	10/13/2012	Conventional	COD	n/a	=	237	mg/L	EPA 410.4	1.5	10			QAX,D
2012/13-1	000NONPJ	matrix spike dup	10/13/2012	Conventional	COD	n/a	=	2370	mg/L	EPA 410.4	1.5	10			QAX,D
2012/13-1	000NONPJ	matrix spike dup, rec	10/13/2012	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	QAX,D
2012/13-1	000NONPJ	matrix spike dup, rec	10/13/2012	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	QAX,D
2012/13-1	000NONPJ	matrix spike, rec	10/13/2012	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	QAX,D
2012/13-1	000NONPJ	matrix spike, rec	10/13/2012	Conventional	COD	n/a	=	97	%	EPA 410.4	-88	-88	90	110	QAX,D
2012/13-1	000NONPJ	matrix spike, RPD	10/13/2012	Conventional	COD	n/a	=	1	%	EPA 410.4	-88	-88	0	15	QAX,D
2012/13-1	000NONPJ	matrix spike, RPD	10/13/2012	Conventional	COD	n/a	=	1	%	EPA 410.4	-88	-88	0	15	QAX,D
2012/13-1	Lab	LCS	10/13/2012	Conventional	COD	n/a	=	106	mg/L	EPA 410.4	0.73	5			
2012/13-1	Lab	LCS, rec	10/13/2012	Conventional	COD	n/a	=	106	%	EPA 410.4	-88	-88	90	110	
2012/13-1	Lab	method blank	10/13/2012	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2012/13-1	000NONPJ	matrix spike	10/25/2012	Conventional	Cyanide	Total	=	0.0843	mg/L	EPA 335.4	0.0027	0.004			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/25/2012	Conventional	Cyanide	Total	=	93	%	EPA 335.4	-88	-88	90	110	QAX
2012/13-1	000NONPJ	matrix spike dup	10/25/2012	Conventional	Cyanide	Total	=	0.0834	mg/L	EPA 335.4	0.0027	0.004			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/25/2012	Conventional	Cyanide	Total	=	92	%	EPA 335.4	-88	-88	90	110	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/25/2012	Conventional	Cyanide	Total	=	1	%	EPA 335.4	-88	-88	0	20	QAX
2012/13-1	000NONPJ	matrix spike	10/25/2012	Conventional	Cyanide	Total	=	0.0883	mg/L	EPA 335.4	0.0027	0.004			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/25/2012	Conventional	Cyanide	Total	=	98	%	EPA 335.4	-88	-88	90	110	QAX
2012/13-1	000NONPJ	matrix spike dup	10/25/2012	Conventional	Cyanide	Total	=	0.0877	mg/L	EPA 335.4	0.0027	0.004			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/25/2012	Conventional	Cyanide	Total	=	97	%	EPA 335.4	-88	-88	90	110	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/25/2012	Conventional	Cyanide	Total	=	0.7	%	EPA 335.4	-88	-88	0	20	QAX
2012/13-1	Lab	method blank	10/25/2012	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.004			
2012/13-1	Lab	LCS	10/25/2012	Conventional	Cyanide	Total	=	0.0441	mg/L	EPA 335.4	0.0027	0.004			
2012/13-1	Lab	LCS, rec	10/25/2012	Conventional	Cyanide	Total	=	98	%	EPA 335.4	-88	-88	90	110	
2012/13-1	000NONPJ	matrix spike	10/17/2012	Conventional	Hardness as CaCO3	Total	=	1100	mg/L	EPA 200.7	0.089	0.66			QAX
2012/13-1	000NONPJ	matrix spike dup	10/17/2012	Conventional	Hardness as CaCO3	Total	=	1100	mg/L	EPA 200.7	0.089	0.66			QAX
2012/13-1	Lab	method blank	10/17/2012	Conventional	Hardness as CaCO3	Total	<	0.66	mg/L	EPA 200.7	0.089	0.66			
2012/13-1	Lab	LCS	10/17/2012	Conventional	Hardness as CaCO3	Total	=	330	mg/L	EPA 200.7	0.089	0.66			
2012/13-1	000NONPJ	matrix spike	10/13/2012	Conventional	MBAS	n/a	=	0.196	mg/L	SM 5540 C	0.019	0.05			QAX
2012/13-1	000NONPJ	matrix spike dup	10/13/2012	Conventional	MBAS	n/a	=	0.207	mg/L	SM 5540 C	0.019	0.05			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/13/2012	Conventional	MBAS	n/a	=	104	%	SM 5540 C	-88	-88	77	118	QAX
2012/13-1	000NONPJ	matrix spike, rec	10/13/2012	Conventional	MBAS	n/a	=	98	%	SM 5540 C	-88	-88	77	118	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/13/2012	Conventional	MBAS	n/a	=	6	%	SM 5540 C	-88	-88	0	20	QAX

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	Lab	LCS	10/13/2012	Conventional	MBAS	n/a	=	0.181	mg/L	SM 5540 C	0.019	0.05			
2012/13-1	Lab	LCS, rec	10/13/2012	Conventional	MBAS	n/a	=	91	%	SM 5540 C	-88	-88	79	113	
2012/13-1	Lab	method blank	10/13/2012	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2012/13-1	000NONPJ	matrix spike	10/23/2012	Conventional	Phenolics	n/a	=	0.321	mg/L	EPA 420.4	0.0042	0.01			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Conventional	Phenolics	n/a	=	103	%	EPA 420.4	-88	-88	90	110	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Conventional	Phenolics	n/a	=	0.315	mg/L	EPA 420.4	0.0042	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Conventional	Phenolics	n/a	=	100	%	EPA 420.4	-88	-88	90	110	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Conventional	Phenolics	n/a	=	2	%	EPA 420.4	-88	-88	0	20	QAX
2012/13-1	Lab	LCS	10/23/2012	Conventional	Phenolics	n/a	=	0.102	mg/L	EPA 420.4	0.0042	0.01			
2012/13-1	Lab	LCS, rec	10/23/2012	Conventional	Phenolics	n/a	=	102	%	EPA 420.4	-88	-88	90	110	
2012/13-1	Lab	method blank	10/23/2012	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2012/13-1	000NONPJ	lab duplicate	10/17/2012	Conventional	Specific Conductance	n/a	=	1650	µmhos/cm	SM 2510 B	0.47	4		4.28	QAX,D
2012/13-1	000NONPJ	lab duplicate, RPD	10/17/2012	Conventional	Specific Conductance	n/a	=	0.6	%	SM 2510 B	0.47	4		4.28	QAX,D
2012/13-1	Lab	LCS	10/17/2012	Conventional	Specific Conductance	n/a	=	203	µmhos/cm	SM 2510 B	0.23	2			
2012/13-1	Lab	LCS, rec	10/17/2012	Conventional	Specific Conductance	n/a	=	102	%	SM 2510 B	-88	-88	95	105	
2012/13-1	Lab	method blank	10/17/2012	Conventional	Specific Conductance	n/a	DNQ	0.47	µmhos/cm	SM 2510 B	0.23	2			IP
2012/13-1	000NONPJ	lab duplicate	10/16/2012	Conventional	Total Dissolved Solids	n/a	=	589	mg/L	SM 2540 C	4	10		10	QAX
2012/13-1	000NONPJ	lab duplicate, RPD	10/16/2012	Conventional	Total Dissolved Solids	n/a	=	1	%	SM 2540 C	4	10		10	QAX
2012/13-1	Lab	LCS	10/16/2012	Conventional	Total Dissolved Solids	n/a	=	812	mg/L	SM 2540 C	4	10			
2012/13-1	Lab	LCS, rec	10/16/2012	Conventional	Total Dissolved Solids	n/a	=	99	%	SM 2540 C	-88	-88	91	104	
2012/13-1	Lab	method blank	10/16/2012	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2012/13-1	000NONPJ	matrix spike	10/22/2012	Conventional	Total Organic Carbon	n/a	=	5.83	mg/L	SM 5310 C	0.009	0.3			QAX
2012/13-1	000NONPJ	matrix spike dup	10/22/2012	Conventional	Total Organic Carbon	n/a	=	5.53	mg/L	SM 5310 C	0.009	0.3			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/22/2012	Conventional	Total Organic Carbon	n/a	=	105	%	SM 5310 C	-88	-88	77	114	QAX
2012/13-1	000NONPJ	matrix spike, rec	10/22/2012	Conventional	Total Organic Carbon	n/a	=	111	%	SM 5310 C	-88	-88	77	114	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/22/2012	Conventional	Total Organic Carbon	n/a	=	5	%	SM 5310 C	-88	-88	0	6	QAX
2012/13-1	Lab	LCS	10/22/2012	Conventional	Total Organic Carbon	n/a	=	5.2	mg/L	SM 5310 C	0.009	0.3			
2012/13-1	Lab	LCS, rec	10/22/2012	Conventional	Total Organic Carbon	n/a	=	104	%	SM 5310 C	-88	-88	90	110	
2012/13-1	Lab	method blank	10/22/2012	Conventional	Total Organic Carbon	n/a	DNQ	0.0114	mg/L	SM 5310 C	0.009	0.3			IP
2012/13-1	000NONPJ	lab duplicate	10/13/2012	Conventional	Total Suspended Solids	n/a	=	680	mg/L	SM 2540 D	5	5			QAX
2012/13-1	000NONPJ	lab duplicate, RPD	10/13/2012	Conventional	Total Suspended Solids	n/a	=	5	%	SM 2540 D	5	5			QAX
2012/13-1	Lab	method blank	10/13/2012	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5			
2012/13-1	000NONPJ	lab duplicate	10/12/2012	Conventional	Turbidity	n/a	=	0.59	NTU	EPA 180.1	0.024	0.1		10	QAX
2012/13-1	000NONPJ	lab duplicate, RPD	10/12/2012	Conventional	Turbidity	n/a	=	0	%	EPA 180.1	0.024	0.1		10	QAX
2012/13-1	Lab	LCS	10/12/2012	Conventional	Turbidity	n/a	=	22.4	NTU	EPA 180.1	0.024	0.1			
2012/13-1	Lab	LCS, rec	10/12/2012	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2012/13-1	Lab	method blank	10/12/2012	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2012/13-1	000NONPJ	lab duplicate	10/13/2012	Conventional	Volatile Suspended Solids	n/a	=	440	mg/L	EPA 160.4	3.1	5		15	QAX
2012/13-1	000NONPJ	lab duplicate, RPD	10/13/2012	Conventional	Volatile Suspended Solids	n/a	=	5	%	EPA 160.4	3.1	5		15	QAX
2012/13-1	Lab	method blank	10/13/2012	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2012/13-1	Lab	LCS	10/18/2012	Hydrocarbon	Oil and Grease	n/a	DNQ	4.8	mg/L	EPA 1664A	1.3	5			
2012/13-1	Lab	LCS	10/18/2012	Hydrocarbon	Oil and Grease	n/a	=	16.1	mg/L	EPA 1664A	1.3	5			
2012/13-1	Lab	LCS dup	10/18/2012	Hydrocarbon	Oil and Grease	n/a	=	17.3	mg/L	EPA 1664A	1.3	5			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664A	-88	-88	78	114	
2012/13-1	Lab	LCS, rec	10/18/2012	Hydrocarbon	Oil and Grease	n/a	=	80	%	EPA 1664A	-88	-88	78	114	
2012/13-1	Lab	LCS, rec	10/18/2012	Hydrocarbon	Oil and Grease	n/a	=	96	%	EPA 1664A	-88	-88	78	114	
2012/13-1	Lab	LCS, RPD	10/18/2012	Hydrocarbon	Oil and Grease	n/a	=	7	%	EPA 1664A	-88	-88	0	18	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	Lab	method blank	10/18/2012	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2012/13-1	MO-OJA	matrix spike	10/18/2012	Hydrocarbon	Oil and Grease	n/a	=	16.6	mg/L	EPA 1664A	1.3	5			
2012/13-1	MO-OJA	matrix spike, rec	10/18/2012	Hydrocarbon	Oil and Grease	n/a	=	83	%	EPA 1664A	-88	-88	78	114	
2012/13-1	Lab	method blank	10/18/2012	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Aluminum	Dissolved	=	55.2	µg/L	EPA 200.8	0.61	5			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Aluminum	Dissolved	=	108	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Aluminum	Dissolved	=	55	µg/L	EPA 200.8	0.61	5			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Aluminum	Dissolved	=	107	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Aluminum	Dissolved	=	0.3	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Aluminum	Dissolved	DNQ	1.22	µg/L	EPA 200.8	0.61	5			IP
2012/13-1	Lab	LCS	10/23/2012	Metal	Aluminum	Dissolved	=	54.5	µg/L	EPA 200.8	0.61	5			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Aluminum	Dissolved	=	109	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Aluminum	Total	=	55.2	µg/L	EPA 200.8	0.61	5			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Aluminum	Total	=	107	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Aluminum	Total	=	55	µg/L	EPA 200.8	0.61	5			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Aluminum	Total	=	107	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Aluminum	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Aluminum	Total	DNQ	1.22	µg/L	EPA 200.8	0.61	5			IP
2012/13-1	Lab	LCS	10/23/2012	Metal	Aluminum	Total	=	54.5	µg/L	EPA 200.8	0.61	5			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Aluminum	Total	=	109	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Antimony	Dissolved	=	52.5	µg/L	EPA 200.8	0.04	0.5			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Antimony	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Antimony	Dissolved	=	52.6	µg/L	EPA 200.8	0.04	0.5			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Antimony	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Antimony	Dissolved	=	0.2	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Antimony	Dissolved	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2012/13-1	Lab	LCS	10/23/2012	Metal	Antimony	Dissolved	=	52.2	µg/L	EPA 200.8	0.04	0.5			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Antimony	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Antimony	Total	=	52.5	µg/L	EPA 200.8	0.04	0.5			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Antimony	Total	=	105	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Antimony	Total	=	52.6	µg/L	EPA 200.8	0.04	0.5			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Antimony	Total	=	105	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Antimony	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Antimony	Total	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2012/13-1	Lab	LCS	10/23/2012	Metal	Antimony	Total	=	52.2	µg/L	EPA 200.8	0.04	0.5			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Antimony	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Arsenic	Dissolved	=	54.8	µg/L	EPA 200.8	0.036	0.4			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Arsenic	Dissolved	=	109	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Arsenic	Dissolved	=	55.3	µg/L	EPA 200.8	0.036	0.4			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Arsenic	Dissolved	=	110	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Arsenic	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Arsenic	Dissolved	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2012/13-1	Lab	LCS	10/23/2012	Metal	Arsenic	Dissolved	=	56	µg/L	EPA 200.8	0.036	0.4			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Arsenic	Dissolved	=	112	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Arsenic	Total	=	54.8	µg/L	EPA 200.8	0.036	0.4			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Arsenic	Total	=	109	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Arsenic	Total	=	55.3	µg/L	EPA 200.8	0.036	0.4			QAX

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Arsenic	Total	=	110	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Arsenic	Total	=	1	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Arsenic	Total	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2012/13-1	Lab	LCS	10/23/2012	Metal	Arsenic	Total	=	56	µg/L	EPA 200.8	0.036	0.4			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Arsenic	Total	=	112	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Beryllium	Dissolved	=	55.2	µg/L	EPA 200.8	0.088	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Beryllium	Dissolved	=	110	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Beryllium	Dissolved	=	54.6	µg/L	EPA 200.8	0.088	0.1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Beryllium	Dissolved	=	109	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Beryllium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Beryllium	Dissolved	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2012/13-1	Lab	LCS	10/23/2012	Metal	Beryllium	Dissolved	=	53.7	µg/L	EPA 200.8	0.088	0.1			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Beryllium	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Beryllium	Total	=	55.2	µg/L	EPA 200.8	0.088	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Beryllium	Total	=	110	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Beryllium	Total	=	54.6	µg/L	EPA 200.8	0.088	0.1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Beryllium	Total	=	109	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Beryllium	Total	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2012/13-1	Lab	LCS	10/23/2012	Metal	Beryllium	Total	=	53.7	µg/L	EPA 200.8	0.088	0.1			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Beryllium	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Cadmium	Dissolved	=	52.1	µg/L	EPA 200.8	0.02	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Cadmium	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Cadmium	Dissolved	=	52.3	µg/L	EPA 200.8	0.02	0.1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Cadmium	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Cadmium	Dissolved	=	0.5	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Cadmium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2012/13-1	Lab	LCS	10/23/2012	Metal	Cadmium	Dissolved	=	53.5	µg/L	EPA 200.8	0.02	0.1			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Cadmium	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Cadmium	Total	=	52.1	µg/L	EPA 200.8	0.02	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Cadmium	Total	=	104	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Cadmium	Total	=	52.3	µg/L	EPA 200.8	0.02	0.1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Cadmium	Total	=	105	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Cadmium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Cadmium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2012/13-1	Lab	LCS	10/23/2012	Metal	Cadmium	Total	=	53.5	µg/L	EPA 200.8	0.02	0.1			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Cadmium	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Chromium	Dissolved	=	52.8	µg/L	EPA 200.8	0.074	0.2			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Chromium	Dissolved	=	106	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Chromium	Dissolved	=	52.9	µg/L	EPA 200.8	0.074	0.2			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Chromium	Dissolved	=	106	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Chromium	Dissolved	=	0.2	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Chromium	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2012/13-1	Lab	LCS	10/23/2012	Metal	Chromium	Dissolved	=	53.7	µg/L	EPA 200.8	0.074	0.2			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Chromium	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Chromium	Total	=	52.8	µg/L	EPA 200.8	0.074	0.2			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Chromium	Total	=	106	%	EPA 200.8	-88	-88	70	130	QAX

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Chromium	Total	=	52.9	µg/L	EPA 200.8	0.074	0.2			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Chromium	Total	=	106	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Chromium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Chromium	Total	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2012/13-1	Lab	LCS	10/23/2012	Metal	Chromium	Total	=	53.7	µg/L	EPA 200.8	0.074	0.2			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Chromium	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/16/2012	Metal	Chromium VI	n/a	=	9.48	µg/L	EPA 218.6	0.0059	0.3			QAX
2012/13-1	000NONPJ	matrix spike	10/16/2012	Metal	Chromium VI	n/a	=	7.66	µg/L	EPA 218.6	0.0059	0.3			QAX
2012/13-1	000NONPJ	matrix spike dup	10/16/2012	Metal	Chromium VI	n/a	=	7.6	µg/L	EPA 218.6	0.0059	0.3			QAX
2012/13-1	000NONPJ	matrix spike dup	10/16/2012	Metal	Chromium VI	n/a	=	9.76	µg/L	EPA 218.6	0.0059	0.3			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/16/2012	Metal	Chromium VI	n/a	=	99	%	EPA 218.6	-88	-88	88	112	QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/16/2012	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	88	112	QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	88	112	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/16/2012	Metal	Chromium VI	n/a	=	3	%	EPA 218.6	-88	-88	0	10	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/16/2012	Metal	Chromium VI	n/a	=	0.8	%	EPA 218.6	-88	-88	0	10	QAX
2012/13-1	Lab	LCS	10/16/2012	Metal	Chromium VI	n/a	=	4.99	µg/L	EPA 218.6	0.0059	0.3			
2012/13-1	Lab	LCS, rec	10/16/2012	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	90	110	
2012/13-1	Lab	method blank	10/16/2012	Metal	Chromium VI	n/a	<	0.0059	µg/L	EPA 218.6	0.0059	0.3			
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Copper	Dissolved	=	53.6	µg/L	EPA 200.8	0.27	0.5			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Copper	Dissolved	=	107	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Copper	Dissolved	=	53.7	µg/L	EPA 200.8	0.27	0.5			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Copper	Dissolved	=	107	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Copper	Dissolved	=	0.3	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Copper	Dissolved	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2012/13-1	Lab	LCS	10/23/2012	Metal	Copper	Dissolved	=	54.9	µg/L	EPA 200.8	0.27	0.5			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Copper	Dissolved	=	110	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Copper	Total	=	53.6	µg/L	EPA 200.8	0.27	0.5			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Copper	Total	=	107	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Copper	Total	=	53.7	µg/L	EPA 200.8	0.27	0.5			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Copper	Total	=	107	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Copper	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Copper	Total	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2012/13-1	Lab	LCS	10/23/2012	Metal	Copper	Total	=	54.9	µg/L	EPA 200.8	0.27	0.5			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Copper	Total	=	110	%	EPA 200.8	-88	-88	85	115	
2012/13-1	Lab	method blank	10/17/2012	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2012/13-1	Lab	LCS	10/17/2012	Metal	Iron	Dissolved	=	199	µg/L	EPA 200.7	1.1	10			
2012/13-1	Lab	LCS, rec	10/17/2012	Metal	Iron	Dissolved	=	100	%	EPA 200.7	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/17/2012	Metal	Iron	Total	=	1990	µg/L	EPA 200.7	1.1	10			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/17/2012	Metal	Iron	Total	=	108	%	EPA 200.7	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/17/2012	Metal	Iron	Total	=	2030	µg/L	EPA 200.7	1.1	10			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/17/2012	Metal	Iron	Total	=	127	%	EPA 200.7	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/17/2012	Metal	Iron	Total	=	2	%	EPA 200.7	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/17/2012	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2012/13-1	Lab	LCS	10/17/2012	Metal	Iron	Total	=	199	µg/L	EPA 200.7	1.1	10			
2012/13-1	Lab	LCS, rec	10/17/2012	Metal	Iron	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Lead	Dissolved	=	52.2	µg/L	EPA 200.8	0.011	0.2			QAX

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Lead	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Lead	Dissolved	=	52.1	µg/L	EPA 200.8	0.011	0.2			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Lead	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Lead	Dissolved	=	0.2	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Lead	Dissolved	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2012/13-1	Lab	LCS	10/23/2012	Metal	Lead	Dissolved	=	52.4	µg/L	EPA 200.8	0.011	0.2			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Lead	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Lead	Total	=	52.2	µg/L	EPA 200.8	0.011	0.2			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Lead	Total	=	104	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Lead	Total	=	52.1	µg/L	EPA 200.8	0.011	0.2			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Lead	Total	=	104	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Lead	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Lead	Total	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2012/13-1	Lab	LCS	10/23/2012	Metal	Lead	Total	=	52.4	µg/L	EPA 200.8	0.011	0.2			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Lead	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Mercury	Dissolved	=	959	ng/L	EPA 245.1	3.9	50			QAX
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Mercury	Dissolved	=	974	ng/L	EPA 245.1	3.9	50			QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Mercury	Dissolved	=	983	ng/L	EPA 245.1	3.9	50			QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Mercury	Dissolved	=	952	ng/L	EPA 245.1	3.9	50			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Mercury	Dissolved	=	98	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Mercury	Dissolved	=	95	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Mercury	Dissolved	=	97	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Mercury	Dissolved	=	96	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Mercury	Dissolved	=	0.7	%	EPA 245.1	-88	-88	0	20	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Mercury	Dissolved	=	0.9	%	EPA 245.1	-88	-88	0	20	QAX
2012/13-1	Lab	LCS	10/23/2012	Metal	Mercury	Dissolved	=	943	ng/L	EPA 245.1	3.9	50			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Mercury	Dissolved	=	94	%	EPA 245.1	-88	-88	85	115	
2012/13-1	Lab	method blank	10/23/2012	Metal	Mercury	Dissolved	DNQ	20	ng/L	EPA 245.1	3.9	50			IP
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Mercury	Total	=	974	ng/L	EPA 245.1	3.9	50			QAX
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Mercury	Total	=	959	ng/L	EPA 245.1	3.9	50			QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Mercury	Total	=	952	ng/L	EPA 245.1	3.9	50			QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Mercury	Total	=	983	ng/L	EPA 245.1	3.9	50			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Mercury	Total	=	93	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Mercury	Total	=	95	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Mercury	Total	=	94	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Mercury	Total	=	0.7	%	EPA 245.1	-88	-88	0	20	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Mercury	Total	=	0.9	%	EPA 245.1	-88	-88	0	20	QAX
2012/13-1	Lab	LCS	10/23/2012	Metal	Mercury	Total	=	943	ng/L	EPA 245.1	3.9	50			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Mercury	Total	=	94	%	EPA 245.1	-88	-88	85	115	
2012/13-1	Lab	method blank	10/23/2012	Metal	Mercury	Total	DNQ	20	ng/L	EPA 245.1	3.9	50			IP
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Nickel	Dissolved	=	53.6	µg/L	EPA 200.8	0.13	0.8			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Nickel	Dissolved	=	107	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Nickel	Dissolved	=	53.8	µg/L	EPA 200.8	0.13	0.8			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Nickel	Dissolved	=	108	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Nickel	Dissolved	=	0.3	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Nickel	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.8			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	Lab	LCS	10/23/2012	Metal	Nickel	Dissolved	=	54.8	µg/L	EPA 200.8	0.13	0.8			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Nickel	Dissolved	=	110	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Nickel	Total	=	53.6	µg/L	EPA 200.8	0.13	0.8			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Nickel	Total	=	107	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Nickel	Total	=	53.8	µg/L	EPA 200.8	0.13	0.8			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Nickel	Total	=	108	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Nickel	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Nickel	Total	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2012/13-1	Lab	LCS	10/23/2012	Metal	Nickel	Total	=	54.8	µg/L	EPA 200.8	0.13	0.8			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Nickel	Total	=	110	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Selenium	Dissolved	=	54	µg/L	EPA 200.8	0.28	0.4			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Selenium	Dissolved	=	108	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Selenium	Dissolved	=	53.9	µg/L	EPA 200.8	0.28	0.4			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Selenium	Dissolved	=	108	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Selenium	Dissolved	=	0.2	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Selenium	Dissolved	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2012/13-1	Lab	LCS	10/23/2012	Metal	Selenium	Dissolved	=	55.7	µg/L	EPA 200.8	0.28	0.4			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Selenium	Dissolved	=	111	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Selenium	Total	=	54	µg/L	EPA 200.8	0.28	0.4			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Selenium	Total	=	108	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Selenium	Total	=	53.9	µg/L	EPA 200.8	0.28	0.4			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Selenium	Total	=	108	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Selenium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Selenium	Total	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2012/13-1	Lab	LCS	10/23/2012	Metal	Selenium	Total	=	55.7	µg/L	EPA 200.8	0.28	0.4			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Selenium	Total	=	111	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Silver	Dissolved	=	51.8	µg/L	EPA 200.8	0.027	0.2			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Silver	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Silver	Dissolved	=	52	µg/L	EPA 200.8	0.027	0.2			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Silver	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Silver	Dissolved	=	0.3	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Silver	Dissolved	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2012/13-1	Lab	LCS	10/23/2012	Metal	Silver	Dissolved	=	52.8	µg/L	EPA 200.8	0.027	0.2			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Silver	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Silver	Total	=	51.8	µg/L	EPA 200.8	0.027	0.2			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Silver	Total	=	104	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Silver	Total	=	52	µg/L	EPA 200.8	0.027	0.2			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Silver	Total	=	104	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Silver	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Silver	Total	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2012/13-1	Lab	LCS	10/23/2012	Metal	Silver	Total	=	52.8	µg/L	EPA 200.8	0.027	0.2			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Silver	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Thallium	Dissolved	=	53.4	µg/L	EPA 200.8	0.009	0.2			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Thallium	Dissolved	=	107	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Thallium	Dissolved	=	53	µg/L	EPA 200.8	0.009	0.2			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Thallium	Dissolved	=	106	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Thallium	Dissolved	=	0.8	%	EPA 200.8	-88	-88	0	30	QAX

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	Lab	method blank	10/23/2012	Metal	Thallium	Dissolved	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2012/13-1	Lab	LCS	10/23/2012	Metal	Thallium	Dissolved	=	53.6	µg/L	EPA 200.8	0.009	0.2			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Thallium	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Thallium	Total	=	53.4	µg/L	EPA 200.8	0.009	0.2			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Thallium	Total	=	107	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Thallium	Total	=	53	µg/L	EPA 200.8	0.009	0.2			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Thallium	Total	=	106	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Thallium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Thallium	Total	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2012/13-1	Lab	LCS	10/23/2012	Metal	Thallium	Total	=	53.6	µg/L	EPA 200.8	0.009	0.2			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Thallium	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Zinc	Dissolved	=	54.6	µg/L	EPA 200.8	1.1	5			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Zinc	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Zinc	Dissolved	=	55.1	µg/L	EPA 200.8	1.1	5			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Zinc	Dissolved	=	106	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Zinc	Dissolved	=	0.8	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Zinc	Dissolved	<	1.1	µg/L	EPA 200.8	1.1	5			
2012/13-1	Lab	LCS	10/23/2012	Metal	Zinc	Dissolved	=	56.9	µg/L	EPA 200.8	1.1	5			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Zinc	Dissolved	=	114	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Metal	Zinc	Total	=	54.6	µg/L	EPA 200.8	1.1	5			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Metal	Zinc	Total	=	109	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Metal	Zinc	Total	=	55.1	µg/L	EPA 200.8	1.1	5			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Metal	Zinc	Total	=	110	%	EPA 200.8	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Metal	Zinc	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Metal	Zinc	Total	<	1.1	µg/L	EPA 200.8	1.1	5			
2012/13-1	Lab	LCS	10/23/2012	Metal	Zinc	Total	=	56.9	µg/L	EPA 200.8	1.1	5			
2012/13-1	Lab	LCS, rec	10/23/2012	Metal	Zinc	Total	=	114	%	EPA 200.8	-88	-88	85	115	
2012/13-1	000NONPJ	matrix spike	10/24/2012	Nutrient	Ammonia as N	n/a	=	1.09	mg/L	EPA 350.1	0.048	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/24/2012	Nutrient	Ammonia as N	n/a	=	109	%	EPA 350.1	-88	-88	90	110	QAX
2012/13-1	000NONPJ	matrix spike dup	10/24/2012	Nutrient	Ammonia as N	n/a	=	1.09	mg/L	EPA 350.1	0.048	0.1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/24/2012	Nutrient	Ammonia as N	n/a	=	109	%	EPA 350.1	-88	-88	90	110	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/24/2012	Nutrient	Ammonia as N	n/a	=	0	%	EPA 350.1	-88	-88	0	15	QAX
2012/13-1	000NONPJ	matrix spike	10/24/2012	Nutrient	Ammonia as N	n/a	=	1.07	mg/L	EPA 350.1	0.048	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/24/2012	Nutrient	Ammonia as N	n/a	=	107	%	EPA 350.1	-88	-88	90	110	QAX
2012/13-1	000NONPJ	matrix spike dup	10/24/2012	Nutrient	Ammonia as N	n/a	=	1.07	mg/L	EPA 350.1	0.048	0.1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/24/2012	Nutrient	Ammonia as N	n/a	=	107	%	EPA 350.1	-88	-88	90	110	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/24/2012	Nutrient	Ammonia as N	n/a	=	0	%	EPA 350.1	-88	-88	0	15	QAX
2012/13-1	Lab	method blank	10/24/2012	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2012/13-1	Lab	LCS	10/24/2012	Nutrient	Ammonia as N	n/a	=	1.07	mg/L	EPA 350.1	0.048	0.1			
2012/13-1	Lab	LCS, rec	10/24/2012	Nutrient	Ammonia as N	n/a	=	107	%	EPA 350.1	-88	-88	90	110	
2012/13-1	000NONPJ	matrix spike	10/12/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	3.51	mg/L	EPA 353.2	0.01	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/12/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	QAX
2012/13-1	000NONPJ	matrix spike dup	10/12/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	3.49	mg/L	EPA 353.2	0.01	0.1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/12/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/12/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	0.6	%	EPA 353.2	-88	-88	0	20	QAX
2012/13-1	Lab	LCS	10/12/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	0.951	mg/L	EPA 353.2	0.01	0.1			
2012/13-1	Lab	LCS, rec	10/12/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	Lab	method blank	10/12/2012	Nutrient	Nitrate + Nitrite as N	n/a	DNQ	0.021	mg/L	EPA 353.2	0.01	0.1			IP
2012/13-1	000NONPJ	matrix spike	10/29/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0709	mg/L	EPA 365.1	0.0014	0.01			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/29/2012	Nutrient	Phosphorus as P	Dissolved	=	103	%	EPA 365.1	-88	-88	90	110	QAX
2012/13-1	000NONPJ	matrix spike dup	10/29/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0712	mg/L	EPA 365.1	0.0014	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/29/2012	Nutrient	Phosphorus as P	Dissolved	=	103	%	EPA 365.1	-88	-88	90	110	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/29/2012	Nutrient	Phosphorus as P	Dissolved	=	0.4	%	EPA 365.1	-88	-88	0	10	QAX
2012/13-1	000NONPJ	matrix spike	10/29/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0512	mg/L	EPA 365.1	0.0014	0.01			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/29/2012	Nutrient	Phosphorus as P	Dissolved	=	100	%	EPA 365.1	-88	-88	90	110	QAX
2012/13-1	000NONPJ	matrix spike dup	10/29/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0502	mg/L	EPA 365.1	0.0014	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/29/2012	Nutrient	Phosphorus as P	Dissolved	=	98	%	EPA 365.1	-88	-88	90	110	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/29/2012	Nutrient	Phosphorus as P	Dissolved	=	2	%	EPA 365.1	-88	-88	0	10	QAX
2012/13-1	Lab	method blank	10/29/2012	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2012/13-1	Lab	LCS	10/29/2012	Nutrient	Phosphorus as P	Dissolved	=	0.0507	mg/L	EPA 365.1	0.0014	0.01			
2012/13-1	Lab	LCS, rec	10/29/2012	Nutrient	Phosphorus as P	Dissolved	=	101	%	EPA 365.1	-88	-88	90	110	
2012/13-1	000NONPJ	matrix spike	10/29/2012	Nutrient	Phosphorus as P	Total	=	0.95	mg/L	EPA 365.1	0.007	0.05			QAX,D
2012/13-1	000NONPJ	matrix spike, rec	10/29/2012	Nutrient	Phosphorus as P	Total	=	90	%	EPA 365.1	-88	-88	90	110	QAX,D
2012/13-1	000NONPJ	matrix spike dup	10/29/2012	Nutrient	Phosphorus as P	Total	=	0.955	mg/L	EPA 365.1	0.007	0.05			QAX,D
2012/13-1	000NONPJ	matrix spike dup, rec	10/29/2012	Nutrient	Phosphorus as P	Total	=	100	%	EPA 365.1	-88	-88	90	110	QAX,D
2012/13-1	000NONPJ	matrix spike, RPD	10/29/2012	Nutrient	Phosphorus as P	Total	=	0.5	%	EPA 365.1	-88	-88	0	10	QAX,D
2012/13-1	000NONPJ	matrix spike	10/29/2012	Nutrient	Phosphorus as P	Total	=	1.43	mg/L	EPA 365.1	0.014	0.1			QAX,D,GB
2012/13-1	000NONPJ	matrix spike, rec	10/29/2012	Nutrient	Phosphorus as P	Total	=	80	%	EPA 365.1	-88	-88	90	110	QAX,D,GB
2012/13-1	000NONPJ	matrix spike dup	10/29/2012	Nutrient	Phosphorus as P	Total	=	1.41	mg/L	EPA 365.1	0.014	0.1			QAX,D,GB
2012/13-1	000NONPJ	matrix spike dup, rec	10/29/2012	Nutrient	Phosphorus as P	Total	=	40	%	EPA 365.1	-88	-88	90	110	QAX,D,GB
2012/13-1	000NONPJ	matrix spike, RPD	10/29/2012	Nutrient	Phosphorus as P	Total	=	1	%	EPA 365.1	-88	-88	0	10	QAX,D,GB
2012/13-1	Lab	method blank	10/29/2012	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2012/13-1	Lab	LCS	10/29/2012	Nutrient	Phosphorus as P	Total	=	0.0538	mg/L	EPA 365.1	0.0014	0.01			
2012/13-1	Lab	LCS, rec	10/29/2012	Nutrient	Phosphorus as P	Total	=	108	%	EPA 365.1	-88	-88	90	110	
2012/13-1	000NONPJ	matrix spike	10/22/2012	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			QAX,GB
2012/13-1	000NONPJ	matrix spike, rec	10/22/2012	Nutrient	TKN	n/a	=	0	%	EPA 351.2	-88	-88	90	110	QAX,GB
2012/13-1	000NONPJ	matrix spike dup	10/22/2012	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			QAX,GB
2012/13-1	000NONPJ	matrix spike dup, rec	10/22/2012	Nutrient	TKN	n/a	=	0	%	EPA 351.2	-88	-88	90	110	QAX,GB
2012/13-1	000NONPJ	matrix spike, RPD	10/22/2012	Nutrient	TKN	n/a	=	0	%	EPA 351.2	-88	-88	0	15	QAX,GB
2012/13-1	000NONPJ	post-digest spike	10/22/2012	Nutrient	TKN	n/a	=	0.438	mg/L	EPA 351.2	-88	-88			QAX,D,HR
2012/13-1	000NONPJ	post-digest spike, rec	10/22/2012	Nutrient	TKN	n/a	=	101	%	EPA 351.2	-88	-88	90	110	QAX,D,HR
2012/13-1	000NONPJ	post-digest spike	10/22/2012	Nutrient	TKN	n/a	=	0.436	mg/L	EPA 351.2	-88	-88			QAX,D,HR
2012/13-1	000NONPJ	post-digest spike, rec	10/22/2012	Nutrient	TKN	n/a	=	101	%	EPA 351.2	-88	-88	90	110	QAX,D,HR
2012/13-1	000NONPJ	matrix spike	10/29/2012	Nutrient	TKN	n/a	=	1.77	mg/L	EPA 351.2	0.074	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/29/2012	Nutrient	TKN	n/a	=	94	%	EPA 351.2	-88	-88	90	110	QAX
2012/13-1	000NONPJ	matrix spike dup	10/29/2012	Nutrient	TKN	n/a	=	1.77	mg/L	EPA 351.2	0.074	0.1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/29/2012	Nutrient	TKN	n/a	=	95	%	EPA 351.2	-88	-88	90	110	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/29/2012	Nutrient	TKN	n/a	=	0.1	%	EPA 351.2	-88	-88	0	15	QAX
2012/13-1	Lab	method blank	10/22/2012	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			
2012/13-1	Lab	LCS	10/22/2012	Nutrient	TKN	n/a	=	0.992	mg/L	EPA 351.2	0.074	0.1			
2012/13-1	Lab	LCS, rec	10/22/2012	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	
2012/13-1	Lab	method blank	10/29/2012	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			
2012/13-1	Lab	LCS	10/29/2012	Nutrient	TKN	n/a	=	1.05	mg/L	EPA 351.2	0.074	0.1			
2012/13-1	Lab	LCS, rec	10/29/2012	Nutrient	TKN	n/a	=	105	%	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	
2012/13-1	Lab	method blank	10/18/2012	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	28.8	µg/L	EPA 625	0.55	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	58	%	EPA 625	-88	-88	44	142	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	33.4	µg/L	EPA 625	0.55	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	67	%	EPA 625	-88	-88	44	142	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	1,2-Dichlorobenzene	n/a	=	28	µg/L	EPA 625	0.57	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	1,2-Dichlorobenzene	n/a	=	56	%	EPA 625	-88	-88	32	129	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	1,2-Dichlorobenzene	n/a	=	32.3	µg/L	EPA 625	0.57	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	1,2-Dichlorobenzene	n/a	=	65	%	EPA 625	-88	-88	32	129	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	1,2-Dichlorobenzene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-1	Lab	method blank	10/18/2012	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	1,3-Dichlorobenzene	n/a	=	26.9	µg/L	EPA 625	0.53	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	1,3-Dichlorobenzene	n/a	=	54	%	EPA 625	-88	-88	0.1	172	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	1,3-Dichlorobenzene	n/a	=	30.8	µg/L	EPA 625	0.53	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	1,3-Dichlorobenzene	n/a	=	62	%	EPA 625	-88	-88	0.1	172	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	1,3-Dichlorobenzene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2012/13-1	000NONPJ	srgt matrix spike	10/23/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.65	µg/L	EPA 525.2	-88	-88			QAX
2012/13-1	000NONPJ	srgt matrix spike, rec	10/23/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	113	%	EPA 525.2	-88	-88	73	136	QAX
2012/13-1	000NONPJ	srgt matrix spike dup	10/23/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.23	µg/L	EPA 525.2	-88	-88			QAX
2012/13-1	000NONPJ	srgt matrix spike dup, rec	10/23/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	136	QAX
2012/13-1	000NONPJ	srgt matrix spike	11/9/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.556	µg/L	EPA 525.2	-88	-88			QAX
2012/13-1	000NONPJ	srgt matrix spike dup	11/9/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.547	µg/L	EPA 525.2	-88	-88			QAX
2012/13-1	000NONPJ	srgt matrix spike dup, rec	11/9/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	73	136	QAX
2012/13-1	000NONPJ	srgt matrix spike, rec	11/9/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	111	%	EPA 525.2	-88	-88	73	136	QAX
2012/13-1	Lab	srgt method blank	10/23/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.81	µg/L	EPA 525.2	-88	-88			
2012/13-1	Lab	srgt method blank, rec	10/23/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	73	136	
2012/13-1	Lab	srgt LCS	10/23/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.47	µg/L	EPA 525.2	-88	-88			
2012/13-1	Lab	srgt LCS, rec	10/23/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	73	136	
2012/13-1	Lab	srgt LCS	11/9/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.491	µg/L	EPA 525.2	-88	-88			
2012/13-1	Lab	srgt LCS, rec	11/9/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2012/13-1	Lab	srgt method blank	11/9/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.446	µg/L	EPA 525.2	-88	-88			
2012/13-1	Lab	srgt method blank, rec	11/9/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	89	%	EPA 525.2	-88	-88	73	136	
2012/13-1	MO-OJA	srgt environ	10/24/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.13	µg/L	EPA 525.2	-88	-88			
2012/13-1	MO-OJA	srgt environ, rec	10/24/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2	-88	-88	73	136	
2012/13-1	MO-OJA	srgt environ	11/9/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.606	µg/L	EPA 525.2	-88	-88			
2012/13-1	MO-OJA	srgt environ, rec	11/9/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	121	%	EPA 525.2	-88	-88	73	136	
2012/13-1	Lab	method blank	10/18/2012	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	1,4-Dichlorobenzene	n/a	=	28	µg/L	EPA 625	0.55	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	1,4-Dichlorobenzene	n/a	=	56	%	EPA 625	-88	-88	20	124	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	1,4-Dichlorobenzene	n/a	=	32.1	µg/L	EPA 625	0.55	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	1,4-Dichlorobenzene	n/a	=	64	%	EPA 625	-88	-88	20	124	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	1,4-Dichlorobenzene	n/a	=	13	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	srgt LCS	10/19/2012	Organic	1,4-Dichlorobenzene-d4	n/a	=	10.5	µg/L	EPA 524.2	-88	-88			
2012/13-1	Lab	srgt LCS, rec	10/19/2012	Organic	1,4-Dichlorobenzene-d4	n/a	=	105	%	EPA 524.2	-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	
2012/13-1	Lab	srgt LCS dup	10/19/2012	Organic	1,4-Dichlorobenzene-d4	n/a	=	10.3	µg/L	EPA 524.2	-88	-88			
2012/13-1	Lab	srgt LCS dup, rec	10/19/2012	Organic	1,4-Dichlorobenzene-d4	n/a	=	103	%	EPA 524.2	-88	-88	70	130	
2012/13-1	Lab	srgt method blank	10/20/2012	Organic	1,4-Dichlorobenzene-d4	n/a	=	9.66	µg/L	EPA 524.2	-88	-88			
2012/13-1	Lab	srgt method blank, rec	10/20/2012	Organic	1,4-Dichlorobenzene-d4	n/a	=	97	%	EPA 524.2	-88	-88	70	130	
2012/13-1	MO-OJA	srgt environ	10/20/2012	Organic	1,4-Dichlorobenzene-d4	n/a	=	9.86	µg/L	EPA 524.2	-88	-88			
2012/13-1	MO-OJA	srgt environ, rec	10/20/2012	Organic	1,4-Dichlorobenzene-d4	n/a	=	99	%	EPA 524.2	-88	-88	70	130	
2012/13-1	Lab	method blank	10/22/2012	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	method blank	10/22/2012	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1			
2012/13-1	Lab	srgt method blank	10/18/2012	Organic	2,4,6-Tribromophenol	n/a	=	54	µg/L	EPA 625	-88	-88			
2012/13-1	Lab	srgt method blank, rec	10/18/2012	Organic	2,4,6-Tribromophenol	n/a	=	54	%	EPA 625	-88	-88	0.1	157	
2012/13-1	Lab	srgt LCS	10/18/2012	Organic	2,4,6-Tribromophenol	n/a	=	66.5	µg/L	EPA 625	-88	-88			
2012/13-1	Lab	srgt LCS, rec	10/18/2012	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 625	-88	-88	0.1	157	
2012/13-1	Lab	srgt LCS dup	10/18/2012	Organic	2,4,6-Tribromophenol	n/a	=	71.6	µg/L	EPA 625	-88	-88			
2012/13-1	Lab	srgt LCS dup, rec	10/18/2012	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 625	-88	-88	0.1	157	
2012/13-1	Lab	srgt method blank	10/22/2012	Organic	2,4,6-Tribromophenol	n/a	=	21.9	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	Lab	srgt method blank, rec	10/22/2012	Organic	2,4,6-Tribromophenol	n/a	=	55	%	EPA 8270Cm	-88	-88	44	115	
2012/13-1	Lab	srgt LCS	10/22/2012	Organic	2,4,6-Tribromophenol	n/a	=	28.9	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	Lab	srgt LCS, rec	10/22/2012	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 8270Cm	-88	-88	44	115	
2012/13-1	Lab	srgt LCS dup	10/22/2012	Organic	2,4,6-Tribromophenol	n/a	=	25.3	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	Lab	srgt LCS dup, rec	10/22/2012	Organic	2,4,6-Tribromophenol	n/a	=	63	%	EPA 8270Cm	-88	-88	44	115	
2012/13-1	MO-OJA	srgt environ	10/19/2012	Organic	2,4,6-Tribromophenol	n/a	=	53	µg/L	EPA 625	-88	-88			
2012/13-1	MO-OJA	srgt environ, rec	10/19/2012	Organic	2,4,6-Tribromophenol	n/a	=	53	%	EPA 625	-88	-88	0.1	157	
2012/13-1	MO-OJA	srgt environ	10/22/2012	Organic	2,4,6-Tribromophenol	n/a	=	23.8	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	MO-OJA	srgt environ, rec	10/22/2012	Organic	2,4,6-Tribromophenol	n/a	=	59	%	EPA 8270Cm	-88	-88	44	115	
2012/13-1	Lab	method blank	10/22/2012	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2012/13-1	Lab	LCS	10/22/2012	Organic	2,4,6-Trichlorophenol	n/a	=	5.23	µg/L	EPA 8270Cm	0.3	1			
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	2,4,6-Trichlorophenol	n/a	=	52	%	EPA 8270Cm	-88	-88	52	150	
2012/13-1	Lab	LCS dup	10/22/2012	Organic	2,4,6-Trichlorophenol	n/a	=	5.25	µg/L	EPA 8270Cm	0.3	1			
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	2,4,6-Trichlorophenol	n/a	=	52	%	EPA 8270Cm	-88	-88	52	150	
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	2,4,6-Trichlorophenol	n/a	=	0.4	%	EPA 8270Cm	-88	-88	0	30	
2012/13-1	Lab	method blank	10/22/2012	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1			
2012/13-1	Lab	LCS	10/22/2012	Organic	2,4-Dichlorophenol	n/a	=	5.48	µg/L	EPA 8270Cm	0.51	1			
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	2,4-Dichlorophenol	n/a	=	55	%	EPA 8270Cm	-88	-88	53	106	
2012/13-1	Lab	LCS dup	10/22/2012	Organic	2,4-Dichlorophenol	n/a	=	5.63	µg/L	EPA 8270Cm	0.51	1			
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	2,4-Dichlorophenol	n/a	=	56	%	EPA 8270Cm	-88	-88	53	106	
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	2,4-Dichlorophenol	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	
2012/13-1	000NONPJ	srgt matrix spike	10/16/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.8	µg/L	EPA 515.3	-88	-88			QAX
2012/13-1	000NONPJ	srgt matrix spike, rec	10/16/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	108	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	srgt matrix spike	10/16/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.7	µg/L	EPA 515.3	-88	-88			QAX
2012/13-1	000NONPJ	srgt matrix spike, rec	10/16/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	107	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	srgt matrix spike dup	10/16/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			QAX
2012/13-1	000NONPJ	srgt matrix spike dup, rec	10/16/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	Lab	srgt method blank	10/16/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.03	µg/L	EPA 515.3	-88	-88			
2012/13-1	Lab	srgt method blank, rec	10/16/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2012/13-1	Lab	srgt LCS	10/16/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.18	µg/L	EPA 515.3	-88	-88			
2012/13-1	Lab	srgt LCS, rec	10/16/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2012/13-1	MO-OJA	srgt environ	10/16/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.7	µg/L	EPA 515.3	-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	
2012/13-1	MO-OJA	srgt environ, rec	10/16/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	117	%	EPA 515.3	-88	-88	70	130	
2012/13-1	Lab	method blank	10/22/2012	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2012/13-1	Lab	LCS	10/22/2012	Organic	2,4-Dimethylphenol	n/a	=	6.1	µg/L	EPA 8270Cm	1	2			
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	2,4-Dimethylphenol	n/a	=	61	%	EPA 8270Cm	-88	-88	21	99	
2012/13-1	Lab	LCS dup	10/22/2012	Organic	2,4-Dimethylphenol	n/a	=	6.08	µg/L	EPA 8270Cm	1	2			
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	2,4-Dimethylphenol	n/a	=	61	%	EPA 8270Cm	-88	-88	21	99	
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	2,4-Dimethylphenol	n/a	=	0.3	%	EPA 8270Cm	-88	-88	0	30	
2012/13-1	Lab	method blank	10/22/2012	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2012/13-1	Lab	LCS	10/22/2012	Organic	2,4-Dinitrophenol	n/a	=	7.77	µg/L	EPA 8270Cm	1	2			
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	2,4-Dinitrophenol	n/a	=	78	%	EPA 8270Cm	-88	-88	2	227	
2012/13-1	Lab	LCS dup	10/22/2012	Organic	2,4-Dinitrophenol	n/a	=	6.27	µg/L	EPA 8270Cm	1	2			
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	2,4-Dinitrophenol	n/a	=	63	%	EPA 8270Cm	-88	-88	2	227	
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	2,4-Dinitrophenol	n/a	=	21	%	EPA 8270Cm	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	2,4-Dinitrotoluene	n/a	=	36.2	µg/L	EPA 625	0.18	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	2,4-Dinitrotoluene	n/a	=	72	%	EPA 625	-88	-88	39	139	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	2,4-Dinitrotoluene	n/a	=	39.3	µg/L	EPA 625	0.18	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	2,4-Dinitrotoluene	n/a	=	79	%	EPA 625	-88	-88	39	139	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	2,4-Dinitrotoluene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	2,6-Dinitrotoluene	n/a	=	37	µg/L	EPA 625	0.27	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	2,6-Dinitrotoluene	n/a	=	74	%	EPA 625	-88	-88	50	158	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	2,6-Dinitrotoluene	n/a	=	40	µg/L	EPA 625	0.27	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	2,6-Dinitrotoluene	n/a	=	80	%	EPA 625	-88	-88	50	158	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	2,6-Dinitrotoluene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	LCS	10/19/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	6.69	µg/L	EPA 524.2	0.61	1			
2012/13-1	Lab	LCS, rec	10/19/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	112	%	EPA 524.2	-88	-88	70	130	
2012/13-1	Lab	LCS dup	10/19/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	6.55	µg/L	EPA 524.2	0.61	1			
2012/13-1	Lab	LCS dup, rec	10/19/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	109	%	EPA 524.2	-88	-88	70	130	
2012/13-1	Lab	LCS, RPD	10/19/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	2	%	EPA 524.2	-88	-88	0	30	
2012/13-1	Lab	method blank	10/20/2012	Organic	2-Chloroethyl vinyl ether	n/a	<	0.61	µg/L	EPA 524.2	0.61	1			
2012/13-1	Lab	method blank	10/18/2012	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	2-Chloronaphthalene	n/a	=	35.2	µg/L	EPA 625	0.45	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	2-Chloronaphthalene	n/a	=	70	%	EPA 625	-88	-88	60	118	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	2-Chloronaphthalene	n/a	=	39.1	µg/L	EPA 625	0.45	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	2-Chloronaphthalene	n/a	=	78	%	EPA 625	-88	-88	60	118	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	2-Chloronaphthalene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	method blank	10/22/2012	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1			
2012/13-1	Lab	LCS	10/22/2012	Organic	2-Chlorophenol	n/a	=	4.7	µg/L	EPA 8270Cm	0.65	1			
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	2-Chlorophenol	n/a	=	47	%	EPA 8270Cm	-88	-88	46	92	
2012/13-1	Lab	LCS dup	10/22/2012	Organic	2-Chlorophenol	n/a	=	5	µg/L	EPA 8270Cm	0.65	1			
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	2-Chlorophenol	n/a	=	50	%	EPA 8270Cm	-88	-88	46	92	
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	2-Chlorophenol	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2012/13-1	Lab	srgt method blank	10/18/2012	Organic	2-Fluorobiphenyl	n/a	=	28	µg/L	EPA 625	-88	-88			
2012/13-1	Lab	srgt method blank, rec	10/18/2012	Organic	2-Fluorobiphenyl	n/a	=	56	%	EPA 625	-88	-88	22	130	
2012/13-1	Lab	srgt LCS	10/18/2012	Organic	2-Fluorobiphenyl	n/a	=	34.1	µg/L	EPA 625	-88	-88			
2012/13-1	Lab	srgt LCS, rec	10/18/2012	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 625	-88	-88	22	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	
2012/13-1	Lab	srgt LCS dup	10/18/2012	Organic	2-Fluorobiphenyl	n/a	=	37.6	µg/L	EPA 625	-88	-88			
2012/13-1	Lab	srgt LCS dup, rec	10/18/2012	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 625	-88	-88	22	130	
2012/13-1	Lab	srgt method blank	10/22/2012	Organic	2-Fluorobiphenyl	n/a	=	10.2	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	Lab	srgt method blank, rec	10/22/2012	Organic	2-Fluorobiphenyl	n/a	=	51	%	EPA 8270Cm	-88	-88	51	139	
2012/13-1	Lab	srgt LCS	10/22/2012	Organic	2-Fluorobiphenyl	n/a	=	11.8	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	Lab	srgt LCS, rec	10/22/2012	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 8270Cm	-88	-88	51	139	
2012/13-1	Lab	srgt LCS dup	10/22/2012	Organic	2-Fluorobiphenyl	n/a	=	10.8	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	Lab	srgt LCS dup, rec	10/22/2012	Organic	2-Fluorobiphenyl	n/a	=	54	%	EPA 8270Cm	-88	-88	51	139	
2012/13-1	MO-OJA	srgt environ	10/19/2012	Organic	2-Fluorobiphenyl	n/a	=	26.1	µg/L	EPA 625	-88	-88			
2012/13-1	MO-OJA	srgt environ, rec	10/19/2012	Organic	2-Fluorobiphenyl	n/a	=	52	%	EPA 625	-88	-88	22	130	
2012/13-1	MO-OJA	srgt environ	10/22/2012	Organic	2-Fluorobiphenyl	n/a	=	9.69	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-1	MO-OJA	srgt environ, rec	10/22/2012	Organic	2-Fluorobiphenyl	n/a	=	48	%	EPA 8270Cm	-88	-88	51	139	GN
2012/13-1	Lab	srgt method blank	10/18/2012	Organic	2-Fluorophenol	n/a	=	37.4	µg/L	EPA 625	-88	-88			
2012/13-1	Lab	srgt method blank, rec	10/18/2012	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625	-88	-88	6	96	
2012/13-1	Lab	srgt LCS	10/18/2012	Organic	2-Fluorophenol	n/a	=	37.4	µg/L	EPA 625	-88	-88			
2012/13-1	Lab	srgt LCS, rec	10/18/2012	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625	-88	-88	6	96	
2012/13-1	Lab	srgt LCS dup	10/18/2012	Organic	2-Fluorophenol	n/a	=	41.9	µg/L	EPA 625	-88	-88			
2012/13-1	Lab	srgt LCS dup, rec	10/18/2012	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	6	96	
2012/13-1	Lab	srgt method blank	10/22/2012	Organic	2-Fluorophenol	n/a	=	12.3	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	Lab	srgt method blank, rec	10/22/2012	Organic	2-Fluorophenol	n/a	=	31	%	EPA 8270Cm	-88	-88	24	82	
2012/13-1	Lab	srgt LCS	10/22/2012	Organic	2-Fluorophenol	n/a	=	14.4	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	Lab	srgt LCS, rec	10/22/2012	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270Cm	-88	-88	24	82	
2012/13-1	Lab	srgt LCS dup	10/22/2012	Organic	2-Fluorophenol	n/a	=	15	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	Lab	srgt LCS dup, rec	10/22/2012	Organic	2-Fluorophenol	n/a	=	38	%	EPA 8270Cm	-88	-88	24	82	
2012/13-1	MO-OJA	srgt environ	10/19/2012	Organic	2-Fluorophenol	n/a	=	32.7	µg/L	EPA 625	-88	-88			
2012/13-1	MO-OJA	srgt environ, rec	10/19/2012	Organic	2-Fluorophenol	n/a	=	33	%	EPA 625	-88	-88	6	96	
2012/13-1	MO-OJA	srgt environ	10/22/2012	Organic	2-Fluorophenol	n/a	=	14.9	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	MO-OJA	srgt environ, rec	10/22/2012	Organic	2-Fluorophenol	n/a	=	37	%	EPA 8270Cm	-88	-88	24	82	
2012/13-1	Lab	method blank	10/22/2012	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	method blank	10/22/2012	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1			
2012/13-1	Lab	method blank	10/22/2012	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1			
2012/13-1	Lab	LCS	10/22/2012	Organic	2-Nitrophenol	n/a	=	5.8	µg/L	EPA 8270Cm	0.71	1			
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	2-Nitrophenol	n/a	=	58	%	EPA 8270Cm	-88	-88	48	197	
2012/13-1	Lab	LCS dup	10/22/2012	Organic	2-Nitrophenol	n/a	=	6.18	µg/L	EPA 8270Cm	0.71	1			
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	2-Nitrophenol	n/a	=	62	%	EPA 8270Cm	-88	-88	48	197	
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	2-Nitrophenol	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2012/13-1	Lab	LCS	10/18/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	39	µg/L	EPA 625	1.2	5			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	78	%	EPA 625	-88	-88	0.1	262	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	44.8	µg/L	EPA 625	1.2	5			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	90	%	EPA 625	-88	-88	0.1	262	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	14	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	method blank	10/22/2012	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2012/13-1	Lab	method blank	10/22/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1			
2012/13-1	Lab	LCS	10/22/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	7.33	µg/L	EPA 8270Cm	0.14	1			
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	73	%	EPA 8270Cm	-88	-88	56	227	
2012/13-1	Lab	LCS dup	10/22/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	6.19	µg/L	EPA 8270Cm	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	
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	62	%	EPA 8270Cm	-88	-88	56	227	
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	17	%	EPA 8270Cm	-88	-88	0	30	
2012/13-1	Lab	srgt LCS	10/19/2012	Organic	4-Bromofluorobenzene	n/a	=	10.3	µg/L	EPA 524.2	-88	-88			
2012/13-1	Lab	srgt LCS, rec	10/19/2012	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 524.2	-88	-88	70	130	
2012/13-1	Lab	srgt LCS dup	10/19/2012	Organic	4-Bromofluorobenzene	n/a	=	10.2	µg/L	EPA 524.2	-88	-88			
2012/13-1	Lab	srgt LCS dup, rec	10/19/2012	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 524.2	-88	-88	70	130	
2012/13-1	Lab	srgt method blank	10/20/2012	Organic	4-Bromofluorobenzene	n/a	=	9.67	µg/L	EPA 524.2	-88	-88			
2012/13-1	Lab	srgt method blank, rec	10/20/2012	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 524.2	-88	-88	70	130	
2012/13-1	MO-OJA	srgt environ	10/20/2012	Organic	4-Bromofluorobenzene	n/a	=	9.87	µg/L	EPA 524.2	-88	-88			
2012/13-1	MO-OJA	srgt environ, rec	10/20/2012	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 524.2	-88	-88	70	130	
2012/13-1	Lab	method blank	10/18/2012	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	29.4	µg/L	EPA 625	0.36	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	59	%	EPA 625	-88	-88	56	127	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	31.8	µg/L	EPA 625	0.36	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	64	%	EPA 625	-88	-88	56	127	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	method blank	10/22/2012	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1			
2012/13-1	Lab	LCS	10/22/2012	Organic	4-Chloro-3-methylphenol	n/a	=	4.97	µg/L	EPA 8270Cm	0.37	1			EUM
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	4-Chloro-3-methylphenol	n/a	=	50	%	EPA 8270Cm	-88	-88	51	112	EUM
2012/13-1	Lab	LCS dup	10/22/2012	Organic	4-Chloro-3-methylphenol	n/a	=	4.86	µg/L	EPA 8270Cm	0.37	1			EUM
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	4-Chloro-3-methylphenol	n/a	=	49	%	EPA 8270Cm	-88	-88	51	112	EUM
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	4-Chloro-3-methylphenol	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	EUM
2012/13-1	Lab	method blank	10/18/2012	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	33.5	µg/L	EPA 625	0.41	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	67	%	EPA 625	-88	-88	25	158	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	36.1	µg/L	EPA 625	0.41	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	72	%	EPA 625	-88	-88	25	158	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	method blank	10/22/2012	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2012/13-1	Lab	LCS	10/22/2012	Organic	4-Nitrophenol	n/a	DNQ	1.79	µg/L	EPA 8270Cm	1	2			
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	4-Nitrophenol	n/a	=	18	%	EPA 8270Cm	-88	-88	15	73	
2012/13-1	Lab	LCS dup	10/22/2012	Organic	4-Nitrophenol	n/a	DNQ	1.5	µg/L	EPA 8270Cm	1	2			
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	4-Nitrophenol	n/a	=	15	%	EPA 8270Cm	-88	-88	15	73	
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	4-Nitrophenol	n/a	=	18	%	EPA 8270Cm	-88	-88	0	30	
2012/13-1	Lab	method blank	10/22/2012	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS	10/22/2012	Organic	Acenaphthene	n/a	=	4.04	µg/L	EPA 8270Cm	0.1	0.1			EUM
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	Acenaphthene	n/a	=	40	%	EPA 8270Cm	-88	-88	47	145	EUM
2012/13-1	Lab	LCS dup	10/22/2012	Organic	Acenaphthene	n/a	=	4.52	µg/L	EPA 8270Cm	0.1	0.1			EUM
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	Acenaphthene	n/a	=	45	%	EPA 8270Cm	-88	-88	47	145	EUM
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	Acenaphthene	n/a	=	11	%	EPA 8270Cm	-88	-88	0	30	EUM
2012/13-1	Lab	method blank	10/22/2012	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS	10/22/2012	Organic	Acenaphthylene	n/a	=	4.7	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	Acenaphthylene	n/a	=	47	%	EPA 8270Cm	-88	-88	33	145	
2012/13-1	Lab	LCS dup	10/22/2012	Organic	Acenaphthylene	n/a	=	5.23	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	Acenaphthylene	n/a	=	52	%	EPA 8270Cm	-88	-88	33	145	
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	Acenaphthylene	n/a	=	11	%	EPA 8270Cm	-88	-88	0	30	
2012/13-1	Lab	method blank	10/22/2012	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	Lab	LCS	10/22/2012	Organic	Anthracene	n/a	=	6.38	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	Anthracene	n/a	=	64	%	EPA 8270Cm	-88	-88	27	133	
2012/13-1	Lab	LCS dup	10/22/2012	Organic	Anthracene	n/a	=	6.33	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	Anthracene	n/a	=	63	%	EPA 8270Cm	-88	-88	27	133	
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	Anthracene	n/a	=	0.8	%	EPA 8270Cm	-88	-88	0	30	
2012/13-1	Lab	method blank	10/22/2012	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS	10/22/2012	Organic	Benz(a)anthracene	n/a	=	3.52	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	Benz(a)anthracene	n/a	=	35	%	EPA 8270Cm	-88	-88	33	143	
2012/13-1	Lab	LCS dup	10/22/2012	Organic	Benz(a)anthracene	n/a	=	3.63	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	Benz(a)anthracene	n/a	=	36	%	EPA 8270Cm	-88	-88	33	143	
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	Benz(a)anthracene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	5			
2012/13-1	000NONPJ	matrix spike	10/23/2012	Organic	Benzo(a)pyrene	n/a	=	3.3	µg/L	EPA 525.2	0.07	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Organic	Benzo(a)pyrene	n/a	=	66	%	EPA 525.2	-88	-88	29	153	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Organic	Benzo(a)pyrene	n/a	=	3.18	µg/L	EPA 525.2	0.07	0.1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Organic	Benzo(a)pyrene	n/a	=	64	%	EPA 525.2	-88	-88	29	153	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Organic	Benzo(a)pyrene	n/a	=	4	%	EPA 525.2	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2012/13-1	Lab	LCS	10/23/2012	Organic	Benzo(a)pyrene	n/a	=	4.17	µg/L	EPA 525.2	0.07	0.1			
2012/13-1	Lab	LCS, rec	10/23/2012	Organic	Benzo(a)pyrene	n/a	=	83	%	EPA 525.2	-88	-88	54	136	
2012/13-1	Lab	method blank	10/22/2012	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS	10/22/2012	Organic	Benzo(b)fluoranthene	n/a	=	4.01	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	Benzo(b)fluoranthene	n/a	=	40	%	EPA 8270Cm	-88	-88	24	159	
2012/13-1	Lab	LCS dup	10/22/2012	Organic	Benzo(b)fluoranthene	n/a	=	4.3	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	Benzo(b)fluoranthene	n/a	=	43	%	EPA 8270Cm	-88	-88	24	159	
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	Benzo(b)fluoranthene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2012/13-1	Lab	method blank	10/22/2012	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS	10/22/2012	Organic	Benzo(g,h,i)perylene	n/a	=	4.86	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	Benzo(g,h,i)perylene	n/a	=	49	%	EPA 8270Cm	-88	-88	0.1	219	
2012/13-1	Lab	LCS dup	10/22/2012	Organic	Benzo(g,h,i)perylene	n/a	=	5.16	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	Benzo(g,h,i)perylene	n/a	=	52	%	EPA 8270Cm	-88	-88	0.1	219	
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	Benzo(g,h,i)perylene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2012/13-1	Lab	method blank	10/22/2012	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS	10/22/2012	Organic	Benzo(k)fluoranthene	n/a	=	3.94	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	Benzo(k)fluoranthene	n/a	=	39	%	EPA 8270Cm	-88	-88	11	162	
2012/13-1	Lab	LCS dup	10/22/2012	Organic	Benzo(k)fluoranthene	n/a	=	4.28	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	Benzo(k)fluoranthene	n/a	=	43	%	EPA 8270Cm	-88	-88	11	162	
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	Benzo(k)fluoranthene	n/a	=	8	%	EPA 8270Cm	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	35.2	µg/L	EPA 625	0.25	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	70	%	EPA 625	-88	-88	33	184	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	39.6	µg/L	EPA 625	0.25	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	79	%	EPA 625	-88	-88	33	184	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	12	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	30.7	µg/L	EPA 625	0.27	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	61	%	EPA 625	-88	-88	12	158	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	33.9	µg/L	EPA 625	0.27	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	68	%	EPA 625	-88	-88	12	158	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	10	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	35.8	µg/L	EPA 625	0.38	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	72	%	EPA 625	-88	-88	36	166	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	40.2	µg/L	EPA 625	0.38	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	80	%	EPA 625	-88	-88	36	166	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	12	%	EPA 625	-88	-88	0	30	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.16	µg/L	EPA 525.2	0.1	5			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	123	%	EPA 525.2	-88	-88	28	147	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.64	µg/L	EPA 525.2	0.1	5			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	113	%	EPA 525.2	-88	-88	28	147	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	9	%	EPA 525.2	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2012/13-1	Lab	LCS	10/23/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.23	µg/L	EPA 525.2	0.1	5			
2012/13-1	Lab	LCS, rec	10/23/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	105	%	EPA 525.2	-88	-88	50	145	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.76	µg/L	EPA 525.2	1.1	3			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	115	%	EPA 525.2	-88	-88	23	154	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.33	µg/L	EPA 525.2	1.1	3			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	107	%	EPA 525.2	-88	-88	23	154	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	8	%	EPA 525.2	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2012/13-1	Lab	LCS	10/23/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.95	µg/L	EPA 525.2	1.1	3			
2012/13-1	Lab	LCS, rec	10/23/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	99	%	EPA 525.2	-88	-88	54	142	
2012/13-1	Lab	method blank	10/18/2012	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	Butyl benzyl phthalate	n/a	=	39.7	µg/L	EPA 625	0.18	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	Butyl benzyl phthalate	n/a	=	79	%	EPA 625	-88	-88	0.1	152	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	Butyl benzyl phthalate	n/a	=	42.7	µg/L	EPA 625	0.18	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	Butyl benzyl phthalate	n/a	=	85	%	EPA 625	-88	-88	0.1	152	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	Butyl benzyl phthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	method blank	10/22/2012	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS	10/22/2012	Organic	Chrysene	n/a	=	6.16	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	Chrysene	n/a	=	62	%	EPA 8270Cm	-88	-88	17	168	
2012/13-1	Lab	LCS dup	10/22/2012	Organic	Chrysene	n/a	=	6.27	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	Chrysene	n/a	=	63	%	EPA 8270Cm	-88	-88	17	168	
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	Chrysene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Organic	Dibenz(a,h)anthracene	n/a	<	0.08	µg/L	EPA 625	0.08	2			
2012/13-1	Lab	LCS	10/18/2012	Organic	Dibenz(a,h)anthracene	n/a	=	29.3	µg/L	EPA 625	0.08	2			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	Dibenz(a,h)anthracene	n/a	=	59	%	EPA 625	-88	-88	0.1	227	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	Dibenz(a,h)anthracene	n/a	=	32.3	µg/L	EPA 625	0.08	2			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	Dibenz(a,h)anthracene	n/a	=	65	%	EPA 625	-88	-88	0.1	227	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	Dibenz(a,h)anthracene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	method blank	10/22/2012	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS	10/22/2012	Organic	Dibenz(a,h)anthracene	n/a	=	5.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	Dibenz(a,h)anthracene	n/a	=	51	%	EPA 8270Cm	-88	-88	0.1	227	
2012/13-1	Lab	LCS dup	10/22/2012	Organic	Dibenz(a,h)anthracene	n/a	=	5.37	µg/L	EPA 8270Cm	0.1	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	Dibenz(a,h)anthracene	n/a	=	54	%	EPA 8270Cm	-88	-88	0.1	227	
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	Dibenz(a,h)anthracene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	Diethyl phthalate	n/a	=	35.9	µg/L	EPA 625	0.15	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	Diethyl phthalate	n/a	=	72	%	EPA 625	-88	-88	0.1	112	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	Diethyl phthalate	n/a	=	38.8	µg/L	EPA 625	0.15	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	Diethyl phthalate	n/a	=	78	%	EPA 625	-88	-88	0.1	112	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	Diethyl phthalate	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	Dimethyl phthalate	n/a	=	36.3	µg/L	EPA 625	0.18	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	Dimethyl phthalate	n/a	=	73	%	EPA 625	-88	-88	0.1	112	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	Dimethyl phthalate	n/a	=	38.8	µg/L	EPA 625	0.18	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	Dimethyl phthalate	n/a	=	78	%	EPA 625	-88	-88	0.1	112	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	Dimethyl phthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	Di-n-butylphthalate	n/a	=	44.4	µg/L	EPA 625	0.24	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	Di-n-butylphthalate	n/a	=	89	%	EPA 625	-88	-88	1	118	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	Di-n-butylphthalate	n/a	=	47.2	µg/L	EPA 625	0.24	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	Di-n-butylphthalate	n/a	=	94	%	EPA 625	-88	-88	1	118	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	Di-n-butylphthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	Di-n-octylphthalate	n/a	=	37.2	µg/L	EPA 625	0.19	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	Di-n-octylphthalate	n/a	=	74	%	EPA 625	-88	-88	6	146	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	Di-n-octylphthalate	n/a	=	40	µg/L	EPA 625	0.19	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	Di-n-octylphthalate	n/a	=	80	%	EPA 625	-88	-88	6	146	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	Di-n-octylphthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	method blank	10/22/2012	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS	10/22/2012	Organic	Fluoranthene	n/a	=	5.44	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	Fluoranthene	n/a	=	54	%	EPA 8270Cm	-88	-88	26	137	
2012/13-1	Lab	LCS dup	10/22/2012	Organic	Fluoranthene	n/a	=	5.26	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	Fluoranthene	n/a	=	53	%	EPA 8270Cm	-88	-88	26	137	
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	Fluoranthene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	
2012/13-1	Lab	method blank	10/22/2012	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS	10/22/2012	Organic	Fluorene	n/a	=	5.12	µg/L	EPA 8270Cm	0.1	0.1			EUM
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	Fluorene	n/a	=	51	%	EPA 8270Cm	-88	-88	59	121	EUM
2012/13-1	Lab	LCS dup	10/22/2012	Organic	Fluorene	n/a	=	5.42	µg/L	EPA 8270Cm	0.1	0.1			EUM
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	Fluorene	n/a	=	54	%	EPA 8270Cm	-88	-88	59	121	EUM
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	Fluorene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	EUM
2012/13-1	Lab	method blank	10/18/2012	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	Hexachlorobenzene	n/a	=	31.1	µg/L	EPA 625	0.49	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	Hexachlorobenzene	n/a	=	62	%	EPA 625	-88	-88	0.1	152	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	Hexachlorobenzene	n/a	=	33.8	µg/L	EPA 625	0.49	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	Hexachlorobenzene	n/a	=	68	%	EPA 625	-88	-88	0.1	152	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	Hexachlorobenzene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	Hexachlorobutadiene	n/a	=	31.1	µg/L	EPA 625	0.47	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	Hexachlorobutadiene	n/a	=	62	%	EPA 625	-88	-88	24	116	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	Hexachlorobutadiene	n/a	=	36.1	µg/L	EPA 625	0.47	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	Hexachlorobutadiene	n/a	=	72	%	EPA 625	-88	-88	24	116	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	Hexachlorobutadiene	n/a	=	15	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2012/13-1	Lab	LCS	10/18/2012	Organic	Hexachlorocyclopentadiene	n/a	=	28.7	µg/L	EPA 625	1.5	5			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	Hexachlorocyclopentadiene	n/a	=	57	%	EPA 625	-88	-88	0.1	136	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	Hexachlorocyclopentadiene	n/a	=	33.2	µg/L	EPA 625	1.5	5			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	Hexachlorocyclopentadiene	n/a	=	66	%	EPA 625	-88	-88	0.1	136	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	Hexachlorocyclopentadiene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	Hexachloroethane	n/a	=	26.8	µg/L	EPA 625	0.52	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	Hexachloroethane	n/a	=	54	%	EPA 625	-88	-88	40	113	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	Hexachloroethane	n/a	=	31.3	µg/L	EPA 625	0.52	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	Hexachloroethane	n/a	=	63	%	EPA 625	-88	-88	40	113	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	Hexachloroethane	n/a	=	16	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	method blank	10/22/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS	10/22/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5.09	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	51	%	EPA 8270Cm	-88	-88	0.1	171	
2012/13-1	Lab	LCS dup	10/22/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5.36	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	54	%	EPA 8270Cm	-88	-88	0.1	171	
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	Isophorone	n/a	=	34.8	µg/L	EPA 625	0.21	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	Isophorone	n/a	=	70	%	EPA 625	-88	-88	21	196	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	Isophorone	n/a	=	38.4	µg/L	EPA 625	0.21	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	Isophorone	n/a	=	77	%	EPA 625	-88	-88	21	196	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	Isophorone	n/a	=	10	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	LCS	10/19/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	6.78	µg/L	EPA 524.2	0.19	2			
2012/13-1	Lab	LCS, rec	10/19/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	113	%	EPA 524.2	-88	-88	70	130	
2012/13-1	Lab	LCS dup	10/19/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	6.87	µg/L	EPA 524.2	0.19	2			
2012/13-1	Lab	LCS dup, rec	10/19/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	114	%	EPA 524.2	-88	-88	70	130	
2012/13-1	Lab	LCS, RPD	10/19/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	1	%	EPA 524.2	-88	-88	0	30	
2012/13-1	Lab	method blank	10/20/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.19	µg/L	EPA 524.2	0.19	2			
2012/13-1	Lab	method blank	10/22/2012	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS	10/22/2012	Organic	Naphthalene	n/a	=	2.79	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	Naphthalene	n/a	=	28	%	EPA 8270Cm	-88	-88	21	133	
2012/13-1	Lab	LCS dup	10/22/2012	Organic	Naphthalene	n/a	=	3.5	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	Naphthalene	n/a	=	35	%	EPA 8270Cm	-88	-88	21	133	
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	Naphthalene	n/a	=	23	%	EPA 8270Cm	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	Nitrobenzene	n/a	=	33.7	µg/L	EPA 625	0.36	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	Nitrobenzene	n/a	=	67	%	EPA 625	-88	-88	35	180	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	Nitrobenzene	n/a	=	38.1	µg/L	EPA 625	0.36	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	Nitrobenzene	n/a	=	76	%	EPA 625	-88	-88	35	180	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	Nitrobenzene	n/a	=	12	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	srgt method blank	10/18/2012	Organic	Nitrobenzene-d5	n/a	=	31.8	µg/L	EPA 625	-88	-88			
2012/13-1	Lab	srgt method blank, rec	10/18/2012	Organic	Nitrobenzene-d5	n/a	=	64	%	EPA 625	-88	-88	34	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	
2012/13-1	Lab	srgt LCS	10/18/2012	Organic	Nitrobenzene-d5	n/a	=	33.5	µg/L	EPA 625	-88	-88			
2012/13-1	Lab	srgt LCS, rec	10/18/2012	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625	-88	-88	34	139	
2012/13-1	Lab	srgt LCS dup	10/18/2012	Organic	Nitrobenzene-d5	n/a	=	37.2	µg/L	EPA 625	-88	-88			
2012/13-1	Lab	srgt LCS dup, rec	10/18/2012	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625	-88	-88	34	139	
2012/13-1	Lab	srgt method blank	10/22/2012	Organic	Nitrobenzene-d5	n/a	=	11.8	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	Lab	srgt method blank, rec	10/22/2012	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 8270Cm	-88	-88	51	143	
2012/13-1	Lab	srgt LCS	10/22/2012	Organic	Nitrobenzene-d5	n/a	=	12.5	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	Lab	srgt LCS, rec	10/22/2012	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 8270Cm	-88	-88	51	143	
2012/13-1	Lab	srgt LCS dup	10/22/2012	Organic	Nitrobenzene-d5	n/a	=	13	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	Lab	srgt LCS dup, rec	10/22/2012	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 8270Cm	-88	-88	51	143	
2012/13-1	MO-OJA	srgt environ	10/19/2012	Organic	Nitrobenzene-d5	n/a	=	29	µg/L	EPA 625	-88	-88			
2012/13-1	MO-OJA	srgt environ, rec	10/19/2012	Organic	Nitrobenzene-d5	n/a	=	58	%	EPA 625	-88	-88	34	139	
2012/13-1	MO-OJA	srgt environ	10/22/2012	Organic	Nitrobenzene-d5	n/a	=	13	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	MO-OJA	srgt environ, rec	10/22/2012	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 8270Cm	-88	-88	51	143	
2012/13-1	Lab	method blank	10/18/2012	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	N-Nitrosodimethylamine	n/a	=	17.4	µg/L	EPA 625	0.14	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	N-Nitrosodimethylamine	n/a	=	35	%	EPA 625	-88	-88	27	78	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	N-Nitrosodimethylamine	n/a	=	17.8	µg/L	EPA 625	0.14	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	N-Nitrosodimethylamine	n/a	=	36	%	EPA 625	-88	-88	27	78	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	N-Nitrosodimethylamine	n/a	=	2	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	34.5	µg/L	EPA 625	0.26	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	69	%	EPA 625	-88	-88	0.1	230	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	37.9	µg/L	EPA 625	0.26	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	76	%	EPA 625	-88	-88	0.1	230	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	9	%	EPA 625	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-1	Lab	LCS	10/18/2012	Organic	N-Nitrosodiphenylamine	n/a	=	29.7	µg/L	EPA 625	0.19	1			
2012/13-1	Lab	LCS, rec	10/18/2012	Organic	N-Nitrosodiphenylamine	n/a	=	59	%	EPA 625	-88	-88	48	129	
2012/13-1	Lab	LCS dup	10/18/2012	Organic	N-Nitrosodiphenylamine	n/a	=	32.3	µg/L	EPA 625	0.19	1			
2012/13-1	Lab	LCS dup, rec	10/18/2012	Organic	N-Nitrosodiphenylamine	n/a	=	65	%	EPA 625	-88	-88	48	129	
2012/13-1	Lab	LCS, RPD	10/18/2012	Organic	N-Nitrosodiphenylamine	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-1	000NONPJ	srgt matrix spike	10/23/2012	Organic	Perylene-d12	n/a	=	4.77	µg/L	EPA 525.2	-88	-88			QAX
2012/13-1	000NONPJ	srgt matrix spike, rec	10/23/2012	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	48	141	QAX
2012/13-1	000NONPJ	srgt matrix spike dup	10/23/2012	Organic	Perylene-d12	n/a	=	4.95	µg/L	EPA 525.2	-88	-88			QAX
2012/13-1	000NONPJ	srgt matrix spike dup, rec	10/23/2012	Organic	Perylene-d12	n/a	=	99	%	EPA 525.2	-88	-88	48	141	QAX
2012/13-1	Lab	srgt method blank	10/23/2012	Organic	Perylene-d12	n/a	=	4.75	µg/L	EPA 525.2	-88	-88			
2012/13-1	Lab	srgt method blank, rec	10/23/2012	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	48	141	
2012/13-1	Lab	srgt LCS	10/23/2012	Organic	Perylene-d12	n/a	=	5.25	µg/L	EPA 525.2	-88	-88			
2012/13-1	Lab	srgt LCS, rec	10/23/2012	Organic	Perylene-d12	n/a	=	105	%	EPA 525.2	-88	-88	48	141	
2012/13-1	MO-OJA	srgt environ	10/24/2012	Organic	Perylene-d12	n/a	=	2.86	µg/L	EPA 525.2	-88	-88			
2012/13-1	MO-OJA	srgt environ, rec	10/24/2012	Organic	Perylene-d12	n/a	=	51	%	EPA 525.2	-88	-88	48	141	
2012/13-1	Lab	method blank	10/22/2012	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS	10/22/2012	Organic	Phenanthrene	n/a	=	5.94	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	Phenanthrene	n/a	=	59	%	EPA 8270Cm	-88	-88	54	120	
2012/13-1	Lab	LCS dup	10/22/2012	Organic	Phenanthrene	n/a	=	5.91	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	Phenanthrene	n/a	=	59	%	EPA 8270Cm	-88	-88	54	120	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	Phenanthrene	n/a	=	0.5	%	EPA 8270Cm	-88	-88	0	30	
2012/13-1	Lab	method blank	10/22/2012	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1			
2012/13-1	Lab	LCS	10/22/2012	Organic	Phenol	n/a	=	1.63	µg/L	EPA 8270Cm	0.35	1			
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	Phenol	n/a	=	16	%	EPA 8270Cm	-88	-88	14	40	
2012/13-1	Lab	LCS dup	10/22/2012	Organic	Phenol	n/a	=	1.75	µg/L	EPA 8270Cm	0.35	1			
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	Phenol	n/a	=	18	%	EPA 8270Cm	-88	-88	14	40	
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	Phenol	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2012/13-1	Lab	srgt method blank	10/18/2012	Organic	Phenol-d5	n/a	=	24.8	µg/L	EPA 625	-88	-88			
2012/13-1	Lab	srgt method blank, rec	10/18/2012	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	2	70	
2012/13-1	Lab	srgt LCS	10/18/2012	Organic	Phenol-d5	n/a	=	25	µg/L	EPA 625	-88	-88			
2012/13-1	Lab	srgt LCS, rec	10/18/2012	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	2	70	
2012/13-1	Lab	srgt LCS dup	10/18/2012	Organic	Phenol-d5	n/a	=	28.2	µg/L	EPA 625	-88	-88			
2012/13-1	Lab	srgt LCS dup, rec	10/18/2012	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	2	70	
2012/13-1	Lab	srgt method blank	10/22/2012	Organic	Phenol-d5	n/a	=	9.03	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	Lab	srgt method blank, rec	10/22/2012	Organic	Phenol-d5	n/a	=	23	%	EPA 8270Cm	-88	-88	13	58	
2012/13-1	Lab	srgt LCS	10/22/2012	Organic	Phenol-d5	n/a	=	9.52	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	Lab	srgt LCS, rec	10/22/2012	Organic	Phenol-d5	n/a	=	24	%	EPA 8270Cm	-88	-88	13	58	
2012/13-1	Lab	srgt LCS dup	10/22/2012	Organic	Phenol-d5	n/a	=	10.1	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	Lab	srgt LCS dup, rec	10/22/2012	Organic	Phenol-d5	n/a	=	25	%	EPA 8270Cm	-88	-88	13	58	
2012/13-1	MO-OJA	srgt environ	10/19/2012	Organic	Phenol-d5	n/a	=	21.8	µg/L	EPA 625	-88	-88			
2012/13-1	MO-OJA	srgt environ, rec	10/19/2012	Organic	Phenol-d5	n/a	=	22	%	EPA 625	-88	-88	2	70	
2012/13-1	MO-OJA	srgt environ	10/22/2012	Organic	Phenol-d5	n/a	=	13.2	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	MO-OJA	srgt environ, rec	10/22/2012	Organic	Phenol-d5	n/a	=	33	%	EPA 8270Cm	-88	-88	13	58	
2012/13-1	Lab	srgt method blank	10/18/2012	Organic	p-Terphenyl-d14	n/a	=	32.9	µg/L	EPA 625	-88	-88			
2012/13-1	Lab	srgt method blank, rec	10/18/2012	Organic	p-Terphenyl-d14	n/a	=	66	%	EPA 625	-88	-88	6	145	
2012/13-1	Lab	srgt LCS	10/18/2012	Organic	p-Terphenyl-d14	n/a	=	38.8	µg/L	EPA 625	-88	-88			
2012/13-1	Lab	srgt LCS, rec	10/18/2012	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 625	-88	-88	6	145	
2012/13-1	Lab	srgt LCS dup	10/18/2012	Organic	p-Terphenyl-d14	n/a	=	41.8	µg/L	EPA 625	-88	-88			
2012/13-1	Lab	srgt LCS dup, rec	10/18/2012	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 625	-88	-88	6	145	
2012/13-1	Lab	srgt method blank	10/22/2012	Organic	p-Terphenyl-d14	n/a	=	12	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	Lab	srgt method blank, rec	10/22/2012	Organic	p-Terphenyl-d14	n/a	=	60	%	EPA 8270Cm	-88	-88	19	134	
2012/13-1	Lab	srgt LCS	10/22/2012	Organic	p-Terphenyl-d14	n/a	=	12.7	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	Lab	srgt LCS, rec	10/22/2012	Organic	p-Terphenyl-d14	n/a	=	63	%	EPA 8270Cm	-88	-88	19	134	
2012/13-1	Lab	srgt LCS dup	10/22/2012	Organic	p-Terphenyl-d14	n/a	=	12.4	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	Lab	srgt LCS dup, rec	10/22/2012	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 8270Cm	-88	-88	19	134	
2012/13-1	MO-OJA	srgt environ	10/19/2012	Organic	p-Terphenyl-d14	n/a	=	31	µg/L	EPA 625	-88	-88			
2012/13-1	MO-OJA	srgt environ, rec	10/19/2012	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 625	-88	-88	6	145	
2012/13-1	MO-OJA	srgt environ	10/22/2012	Organic	p-Terphenyl-d14	n/a	=	12	µg/L	EPA 8270Cm	-88	-88			
2012/13-1	MO-OJA	srgt environ, rec	10/22/2012	Organic	p-Terphenyl-d14	n/a	=	60	%	EPA 8270Cm	-88	-88	19	134	
2012/13-1	Lab	method blank	10/22/2012	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS	10/22/2012	Organic	Pyrene	n/a	=	5.18	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-1	Lab	LCS, rec	10/22/2012	Organic	Pyrene	n/a	=	52	%	EPA 8270Cm	-88	-88	52	115	
2012/13-1	Lab	LCS dup	10/22/2012	Organic	Pyrene	n/a	=	5.12	µg/L	EPA 8270Cm	0.1	0.1			EUM
2012/13-1	Lab	LCS dup, rec	10/22/2012	Organic	Pyrene	n/a	=	51	%	EPA 8270Cm	-88	-88	52	115	EUM
2012/13-1	Lab	LCS, RPD	10/22/2012	Organic	Pyrene	n/a	=	1	%	EPA 8270Cm	-88	-88	0	30	EUM
2012/13-1	Lab	srgt method blank	10/18/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0406	µg/L	EPA 608	-88	-88			
2012/13-1	Lab	srgt method blank, rec	10/18/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	41	%	EPA 608	-88	-88	26	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	
2012/13-1	Lab	srgt LCS	10/18/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0426	µg/L	EPA 608	-88	-88			
2012/13-1	Lab	srgt LCS, rec	10/18/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	43	%	EPA 608	-88	-88	26	131	
2012/13-1	MO-OJA	srgt matrix spike	10/18/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0412	µg/L	EPA 608	-88	-88			
2012/13-1	MO-OJA	srgt matrix spike, rec	10/18/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	41	%	EPA 608	-88	-88	26	131	
2012/13-1	MO-OJA	srgt matrix spike dup	10/18/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0418	µg/L	EPA 608	-88	-88			
2012/13-1	MO-OJA	srgt matrix spike dup, rec	10/18/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	42	%	EPA 608	-88	-88	26	131	
2012/13-1	MO-OJA	srgt environ	10/18/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0425	µg/L	EPA 608	-88	-88			
2012/13-1	MO-OJA	srgt environ, rec	10/18/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	43	%	EPA 608	-88	-88	26	131	
2012/13-1	000NONPJ	srgt matrix spike	10/23/2012	Organic	Triphenylphosphate	n/a	=	5.4	µg/L	EPA 525.2	-88	-88			QAX
2012/13-1	000NONPJ	srgt matrix spike, rec	10/23/2012	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	71	150	QAX
2012/13-1	000NONPJ	srgt matrix spike dup	10/23/2012	Organic	Triphenylphosphate	n/a	=	5.08	µg/L	EPA 525.2	-88	-88			QAX
2012/13-1	000NONPJ	srgt matrix spike dup, rec	10/23/2012	Organic	Triphenylphosphate	n/a	=	102	%	EPA 525.2	-88	-88	71	150	QAX
2012/13-1	000NONPJ	srgt matrix spike	11/9/2012	Organic	Triphenylphosphate	n/a	=	0.522	µg/L	EPA 525.2	-88	-88			QAX
2012/13-1	000NONPJ	srgt matrix spike dup	11/9/2012	Organic	Triphenylphosphate	n/a	=	0.502	µg/L	EPA 525.2	-88	-88			QAX
2012/13-1	000NONPJ	srgt matrix spike dup, rec	11/9/2012	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2	-88	-88	71	150	QAX
2012/13-1	000NONPJ	srgt matrix spike, rec	11/9/2012	Organic	Triphenylphosphate	n/a	=	104	%	EPA 525.2	-88	-88	71	150	QAX
2012/13-1	Lab	srgt method blank	10/23/2012	Organic	Triphenylphosphate	n/a	=	4.99	µg/L	EPA 525.2	-88	-88			
2012/13-1	Lab	srgt method blank, rec	10/23/2012	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2	-88	-88	71	150	
2012/13-1	Lab	srgt LCS	10/23/2012	Organic	Triphenylphosphate	n/a	=	4.72	µg/L	EPA 525.2	-88	-88			
2012/13-1	Lab	srgt LCS, rec	10/23/2012	Organic	Triphenylphosphate	n/a	=	94	%	EPA 525.2	-88	-88	71	150	
2012/13-1	Lab	srgt LCS	11/9/2012	Organic	Triphenylphosphate	n/a	=	0.605	µg/L	EPA 525.2	-88	-88			
2012/13-1	Lab	srgt LCS, rec	11/9/2012	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	71	150	
2012/13-1	Lab	srgt method blank	11/9/2012	Organic	Triphenylphosphate	n/a	=	1.08	µg/L	EPA 525.2	-88	-88			GN
2012/13-1	Lab	srgt method blank, rec	11/9/2012	Organic	Triphenylphosphate	n/a	=	216	%	EPA 525.2	-88	-88	71	150	GN
2012/13-1	MO-OJA	srgt environ	10/24/2012	Organic	Triphenylphosphate	n/a	=	4.37	µg/L	EPA 525.2	-88	-88			
2012/13-1	MO-OJA	srgt environ, rec	10/24/2012	Organic	Triphenylphosphate	n/a	=	79	%	EPA 525.2	-88	-88	71	150	
2012/13-1	MO-OJA	srgt environ	11/9/2012	Organic	Triphenylphosphate	n/a	=	0.475	µg/L	EPA 525.2	-88	-88			
2012/13-1	MO-OJA	srgt environ, rec	11/9/2012	Organic	Triphenylphosphate	n/a	=	95	%	EPA 525.2	-88	-88	71	150	
2012/13-1	Lab	srgt method blank	10/18/2012	PCB	PCB 209	n/a	=	0.0644	µg/L	EPA 608	-88	-88			
2012/13-1	Lab	srgt method blank, rec	10/18/2012	PCB	PCB 209	n/a	=	64	%	EPA 608	-88	-88	0.1	154	
2012/13-1	Lab	srgt LCS	10/18/2012	PCB	PCB 209	n/a	=	0.0801	µg/L	EPA 608	-88	-88			
2012/13-1	Lab	srgt LCS, rec	10/18/2012	PCB	PCB 209	n/a	=	80	%	EPA 608	-88	-88	0.1	154	
2012/13-1	MO-OJA	srgt matrix spike	10/18/2012	PCB	PCB 209	n/a	=	0.0541	µg/L	EPA 608	-88	-88			
2012/13-1	MO-OJA	srgt matrix spike, rec	10/18/2012	PCB	PCB 209	n/a	=	54	%	EPA 608	-88	-88	0.1	154	
2012/13-1	MO-OJA	srgt matrix spike dup	10/18/2012	PCB	PCB 209	n/a	=	0.0494	µg/L	EPA 608	-88	-88			
2012/13-1	MO-OJA	srgt matrix spike dup, rec	10/18/2012	PCB	PCB 209	n/a	=	49	%	EPA 608	-88	-88	0.1	154	
2012/13-1	MO-OJA	srgt environ	10/18/2012	PCB	PCB 209	n/a	=	0.0372	µg/L	EPA 608	-88	-88			
2012/13-1	MO-OJA	srgt environ, rec	10/18/2012	PCB	PCB 209	n/a	=	37	%	EPA 608	-88	-88	0.1	154	
2012/13-1	Lab	method blank	10/18/2012	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2012/13-1	Lab	method blank	10/18/2012	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2012/13-1	Lab	method blank	10/18/2012	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2012/13-1	Lab	method blank	10/18/2012	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2012/13-1	Lab	method blank	10/18/2012	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2012/13-1	Lab	method blank	10/18/2012	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2012/13-1	Lab	method blank	10/18/2012	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	2,4,5-T	n/a	=	9.57	µg/L	EPA 515.3	0.07	0.2			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	2,4,5-T	n/a	=	120	%	EPA 515.3	-88	-88	70	130	QAX

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	2,4,5-T	n/a	=	4.96	µg/L	EPA 515.3	0.07	0.2			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	2,4,5-T	n/a	=	124	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/16/2012	Pesticide	2,4,5-T	n/a	=	4.89	µg/L	EPA 515.3	0.07	0.2			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/16/2012	Pesticide	2,4,5-T	n/a	=	122	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/16/2012	Pesticide	2,4,5-T	n/a	=	1	%	EPA 515.3	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/16/2012	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2012/13-1	Lab	LCS	10/16/2012	Pesticide	2,4,5-T	n/a	=	4.76	µg/L	EPA 515.3	0.07	0.2			
2012/13-1	Lab	LCS, rec	10/16/2012	Pesticide	2,4,5-T	n/a	=	119	%	EPA 515.3	-88	-88	70	130	
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	2,4,5-TP	n/a	=	8.17	µg/L	EPA 515.3	0.09	0.2			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	2,4,5-TP	n/a	=	102	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	2,4,5-TP	n/a	=	4.52	µg/L	EPA 515.3	0.09	0.2			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	2,4,5-TP	n/a	=	113	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/16/2012	Pesticide	2,4,5-TP	n/a	=	4.41	µg/L	EPA 515.3	0.09	0.2			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/16/2012	Pesticide	2,4,5-TP	n/a	=	110	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/16/2012	Pesticide	2,4,5-TP	n/a	=	2	%	EPA 515.3	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/16/2012	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2012/13-1	Lab	LCS	10/16/2012	Pesticide	2,4,5-TP	n/a	=	4.23	µg/L	EPA 515.3	0.09	0.2			
2012/13-1	Lab	LCS, rec	10/16/2012	Pesticide	2,4,5-TP	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	2,4-D	n/a	=	17.6	µg/L	EPA 515.3	0.07	0.4			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	2,4-D	n/a	=	110	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	2,4-D	n/a	=	9.62	µg/L	EPA 515.3	0.07	0.4			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	2,4-D	n/a	=	120	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/16/2012	Pesticide	2,4-D	n/a	=	9.36	µg/L	EPA 515.3	0.07	0.4			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/16/2012	Pesticide	2,4-D	n/a	=	117	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/16/2012	Pesticide	2,4-D	n/a	=	3	%	EPA 515.3	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/16/2012	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2012/13-1	Lab	LCS	10/16/2012	Pesticide	2,4-D	n/a	=	8.88	µg/L	EPA 515.3	0.07	0.4			
2012/13-1	Lab	LCS, rec	10/16/2012	Pesticide	2,4-D	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	2,4-DB	n/a	=	31.3	µg/L	EPA 515.3	0.07	2			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	2,4-DB	n/a	=	98	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	2,4-DB	n/a	=	18.6	µg/L	EPA 515.3	0.07	2			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	2,4-DB	n/a	=	116	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/16/2012	Pesticide	2,4-DB	n/a	=	18.5	µg/L	EPA 515.3	0.07	2			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/16/2012	Pesticide	2,4-DB	n/a	=	116	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/16/2012	Pesticide	2,4-DB	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/16/2012	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2012/13-1	Lab	LCS	10/16/2012	Pesticide	2,4-DB	n/a	=	17.5	µg/L	EPA 515.3	0.07	2			
2012/13-1	Lab	LCS, rec	10/16/2012	Pesticide	2,4-DB	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	15.5	µg/L	EPA 515.3	0.09	1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	97	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.68	µg/L	EPA 515.3	0.09	1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	109	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/16/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.43	µg/L	EPA 515.3	0.09	1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/16/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/16/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	3	%	EPA 515.3	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/16/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2012/13-1	Lab	LCS	10/16/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	8.42	µg/L	EPA 515.3	0.09	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	Lab	LCS, rec	10/16/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2012/13-1	Lab	method blank	10/18/2012	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.005			
2012/13-1	Lab	LCS	10/18/2012	Pesticide	4,4'-DDD	n/a	=	0.116	µg/L	EPA 608	0.003	0.005			
2012/13-1	Lab	LCS, rec	10/18/2012	Pesticide	4,4'-DDD	n/a	=	116	%	EPA 608	-88	-88	30	141	
2012/13-1	MO-OJA	matrix spike	10/18/2012	Pesticide	4,4'-DDD	n/a	=	0.0917	µg/L	EPA 608	0.003	0.005			
2012/13-1	MO-OJA	matrix spike, rec	10/18/2012	Pesticide	4,4'-DDD	n/a	=	92	%	EPA 608	-88	-88	31	141	
2012/13-1	MO-OJA	matrix spike dup	10/18/2012	Pesticide	4,4'-DDD	n/a	=	0.0789	µg/L	EPA 608	0.003	0.005			
2012/13-1	MO-OJA	matrix spike dup, rec	10/18/2012	Pesticide	4,4'-DDD	n/a	=	79	%	EPA 608	-88	-88	31	141	
2012/13-1	MO-OJA	matrix spike, RPD	10/18/2012	Pesticide	4,4'-DDD	n/a	=	15	%	EPA 608	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2012/13-1	Lab	LCS	10/18/2012	Pesticide	4,4'-DDE	n/a	=	0.0896	µg/L	EPA 608	0.0025	0.005			
2012/13-1	Lab	LCS, rec	10/18/2012	Pesticide	4,4'-DDE	n/a	=	90	%	EPA 608	-88	-88	30	145	
2012/13-1	MO-OJA	matrix spike	10/18/2012	Pesticide	4,4'-DDE	n/a	=	0.0792	µg/L	EPA 608	0.0025	0.005			
2012/13-1	MO-OJA	matrix spike, rec	10/18/2012	Pesticide	4,4'-DDE	n/a	=	79	%	EPA 608	-88	-88	30	145	
2012/13-1	MO-OJA	matrix spike dup	10/18/2012	Pesticide	4,4'-DDE	n/a	=	0.0745	µg/L	EPA 608	0.0025	0.005			
2012/13-1	MO-OJA	matrix spike dup, rec	10/18/2012	Pesticide	4,4'-DDE	n/a	=	74	%	EPA 608	-88	-88	30	145	
2012/13-1	MO-OJA	matrix spike, RPD	10/18/2012	Pesticide	4,4'-DDE	n/a	=	6	%	EPA 608	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2012/13-1	Lab	LCS	10/18/2012	Pesticide	4,4'-DDT	n/a	=	0.118	µg/L	EPA 608	0.0031	0.01			
2012/13-1	Lab	LCS, rec	10/18/2012	Pesticide	4,4'-DDT	n/a	=	118	%	EPA 608	-88	-88	25	160	
2012/13-1	MO-OJA	matrix spike	10/18/2012	Pesticide	4,4'-DDT	n/a	=	0.099	µg/L	EPA 608	0.0031	0.01			
2012/13-1	MO-OJA	matrix spike, rec	10/18/2012	Pesticide	4,4'-DDT	n/a	=	99	%	EPA 608	-88	-88	25	160	
2012/13-1	MO-OJA	matrix spike dup	10/18/2012	Pesticide	4,4'-DDT	n/a	=	0.0883	µg/L	EPA 608	0.0031	0.01			
2012/13-1	MO-OJA	matrix spike dup, rec	10/18/2012	Pesticide	4,4'-DDT	n/a	=	88	%	EPA 608	-88	-88	25	160	
2012/13-1	MO-OJA	matrix spike, RPD	10/18/2012	Pesticide	4,4'-DDT	n/a	=	11	%	EPA 608	-88	-88	0	30	
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	Acifluorfen	n/a	=	8.11	µg/L	EPA 515.3	0.06	0.4			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	Acifluorfen	n/a	=	101	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	Acifluorfen	n/a	=	4.53	µg/L	EPA 515.3	0.06	0.4			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	Acifluorfen	n/a	=	113	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/16/2012	Pesticide	Acifluorfen	n/a	=	4.33	µg/L	EPA 515.3	0.06	0.4			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/16/2012	Pesticide	Acifluorfen	n/a	=	108	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/16/2012	Pesticide	Acifluorfen	n/a	=	5	%	EPA 515.3	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/16/2012	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2012/13-1	Lab	LCS	10/16/2012	Pesticide	Acifluorfen	n/a	=	4.1	µg/L	EPA 515.3	0.06	0.4			
2012/13-1	Lab	LCS, rec	10/16/2012	Pesticide	Acifluorfen	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Pesticide	Alachlor	n/a	=	0.94	µg/L	EPA 525.2	0.022	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Pesticide	Alachlor	n/a	=	94	%	EPA 525.2	-88	-88	58	177	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Pesticide	Alachlor	n/a	=	1.04	µg/L	EPA 525.2	0.022	0.1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Pesticide	Alachlor	n/a	=	104	%	EPA 525.2	-88	-88	58	177	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Pesticide	Alachlor	n/a	=	10	%	EPA 525.2	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2012/13-1	Lab	LCS	10/23/2012	Pesticide	Alachlor	n/a	=	0.95	µg/L	EPA 525.2	0.022	0.1			
2012/13-1	Lab	LCS, rec	10/23/2012	Pesticide	Alachlor	n/a	=	95	%	EPA 525.2	-88	-88	58	164	
2012/13-1	Lab	method blank	10/18/2012	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2012/13-1	Lab	LCS	10/18/2012	Pesticide	Aldrin	n/a	=	0.0522	µg/L	EPA 608	0.0015	0.005			
2012/13-1	Lab	LCS, rec	10/18/2012	Pesticide	Aldrin	n/a	=	52	%	EPA 608	-88	-88	42	122	
2012/13-1	MO-OJA	matrix spike	10/18/2012	Pesticide	Aldrin	n/a	=	0.0593	µg/L	EPA 608	0.0015	0.005			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	MO-OJA	matrix spike, rec	10/18/2012	Pesticide	Aldrin	n/a	=	59	%	EPA 608	-88	-88	42	122	
2012/13-1	MO-OJA	matrix spike dup	10/18/2012	Pesticide	Aldrin	n/a	=	0.0565	µg/L	EPA 608	0.0015	0.005			
2012/13-1	MO-OJA	matrix spike dup, rec	10/18/2012	Pesticide	Aldrin	n/a	=	57	%	EPA 608	-88	-88	42	122	
2012/13-1	MO-OJA	matrix spike, RPD	10/18/2012	Pesticide	Aldrin	n/a	=	5	%	EPA 608	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2012/13-1	Lab	LCS	10/18/2012	Pesticide	alpha-BHC	n/a	=	0.0804	µg/L	EPA 608	0.0018	0.01			
2012/13-1	Lab	LCS, rec	10/18/2012	Pesticide	alpha-BHC	n/a	=	80	%	EPA 608	-88	-88	37	134	
2012/13-1	MO-OJA	matrix spike	10/18/2012	Pesticide	alpha-BHC	n/a	=	0.0669	µg/L	EPA 608	0.0018	0.01			
2012/13-1	MO-OJA	matrix spike, rec	10/18/2012	Pesticide	alpha-BHC	n/a	=	67	%	EPA 608	-88	-88	37	134	
2012/13-1	MO-OJA	matrix spike dup	10/18/2012	Pesticide	alpha-BHC	n/a	=	0.0606	µg/L	EPA 608	0.0018	0.01			
2012/13-1	MO-OJA	matrix spike dup, rec	10/18/2012	Pesticide	alpha-BHC	n/a	=	61	%	EPA 608	-88	-88	37	134	
2012/13-1	MO-OJA	matrix spike, RPD	10/18/2012	Pesticide	alpha-BHC	n/a	=	10	%	EPA 608	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2012/13-1	000NONPJ	matrix spike	10/23/2012	Pesticide	Atrazine	n/a	=	1.21	µg/L	EPA 525.2	0.034	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Pesticide	Atrazine	n/a	=	121	%	EPA 525.2	-88	-88	53	142	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Pesticide	Atrazine	n/a	=	1.08	µg/L	EPA 525.2	0.034	0.1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Pesticide	Atrazine	n/a	=	108	%	EPA 525.2	-88	-88	53	142	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Pesticide	Atrazine	n/a	=	11	%	EPA 525.2	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2012/13-1	Lab	LCS	10/23/2012	Pesticide	Atrazine	n/a	=	0.9	µg/L	EPA 525.2	0.034	0.1			
2012/13-1	Lab	LCS, rec	10/23/2012	Pesticide	Atrazine	n/a	=	90	%	EPA 525.2	-88	-88	68	133	
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Azinphos methyl	n/a	=	0.0298	µg/L	EPA 525.2	0.0055	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Azinphos methyl	n/a	=	0.0228	µg/L	EPA 525.2	0.0055	0.01			QAX,GB
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Azinphos methyl	n/a	=	46	%	EPA 525.2	-88	-88	50	150	QAX,GB
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Azinphos methyl	n/a	=	60	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Azinphos methyl	n/a	=	27	%	EPA 525.2	-88	-88	0	25	QAX,GB,IL
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Azinphos methyl	n/a	=	0.152	µg/L	EPA 525.2	0.0055	0.01			EUM
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Azinphos methyl	n/a	=	305	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	Bentazon	n/a	=	34.8	µg/L	EPA 515.3	0.11	2			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	Bentazon	n/a	=	109	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	Bentazon	n/a	=	19.4	µg/L	EPA 515.3	0.11	2			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	Bentazon	n/a	=	121	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/16/2012	Pesticide	Bentazon	n/a	=	18.7	µg/L	EPA 515.3	0.11	2			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/16/2012	Pesticide	Bentazon	n/a	=	117	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/16/2012	Pesticide	Bentazon	n/a	=	3	%	EPA 515.3	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/16/2012	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2012/13-1	Lab	LCS	10/16/2012	Pesticide	Bentazon	n/a	=	18.8	µg/L	EPA 515.3	0.11	2			
2012/13-1	Lab	LCS, rec	10/16/2012	Pesticide	Bentazon	n/a	=	117	%	EPA 515.3	-88	-88	70	130	
2012/13-1	Lab	method blank	10/18/2012	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2012/13-1	Lab	LCS	10/18/2012	Pesticide	beta-BHC	n/a	=	0.0922	µg/L	EPA 608	0.0031	0.005			
2012/13-1	Lab	LCS, rec	10/18/2012	Pesticide	beta-BHC	n/a	=	92	%	EPA 608	-88	-88	14	147	
2012/13-1	MO-OJA	matrix spike	10/18/2012	Pesticide	beta-BHC	n/a	=	0.0788	µg/L	EPA 608	0.0031	0.005			
2012/13-1	MO-OJA	matrix spike, rec	10/18/2012	Pesticide	beta-BHC	n/a	=	79	%	EPA 608	-88	-88	17	147	
2012/13-1	MO-OJA	matrix spike dup	10/18/2012	Pesticide	beta-BHC	n/a	=	0.0751	µg/L	EPA 608	0.0031	0.005			
2012/13-1	MO-OJA	matrix spike dup, rec	10/18/2012	Pesticide	beta-BHC	n/a	=	75	%	EPA 608	-88	-88	17	147	
2012/13-1	MO-OJA	matrix spike, RPD	10/18/2012	Pesticide	beta-BHC	n/a	=	5	%	EPA 608	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Bolstar	n/a	=	0.0514	µg/L	EPA 525.2	0.0046	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Bolstar	n/a	=	0.0503	µg/L	EPA 525.2	0.0046	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Bolstar	n/a	=	101	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Bolstar	n/a	=	103	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Bolstar	n/a	=	2	%	EPA 525.2	-88	-88	0	25	QAX
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Bolstar	n/a	=	0.0564	µg/L	EPA 525.2	0.0046	0.01			
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Bolstar	n/a	=	113	%	EPA 525.2	-88	-88	50	150	
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			
2012/13-1	000NONPJ	matrix spike	10/23/2012	Pesticide	Bromacil	n/a	=	1.14	µg/L	EPA 525.2	0.038	1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Pesticide	Bromacil	n/a	=	114	%	EPA 525.2	-88	-88	71	182	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Pesticide	Bromacil	n/a	=	1.17	µg/L	EPA 525.2	0.038	1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Pesticide	Bromacil	n/a	=	117	%	EPA 525.2	-88	-88	71	182	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Pesticide	Bromacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2012/13-1	Lab	LCS	10/23/2012	Pesticide	Bromacil	n/a	=	1.03	µg/L	EPA 525.2	0.038	1			
2012/13-1	Lab	LCS, rec	10/23/2012	Pesticide	Bromacil	n/a	=	103	%	EPA 525.2	-88	-88	43	177	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Pesticide	Butachlor	n/a	=	0.99	µg/L	EPA 525.2	0.017	0.2			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Pesticide	Butachlor	n/a	=	99	%	EPA 525.2	-88	-88	67	181	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Pesticide	Butachlor	n/a	=	1.09	µg/L	EPA 525.2	0.017	0.2			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Pesticide	Butachlor	n/a	=	109	%	EPA 525.2	-88	-88	67	181	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Pesticide	Butachlor	n/a	=	10	%	EPA 525.2	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2012/13-1	Lab	LCS	10/23/2012	Pesticide	Butachlor	n/a	=	1	µg/L	EPA 525.2	0.017	0.2			
2012/13-1	Lab	LCS, rec	10/23/2012	Pesticide	Butachlor	n/a	=	100	%	EPA 525.2	-88	-88	55	178	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			QAX,DRM,GB
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Pesticide	Captan	n/a	=	0	%	EPA 525.2	-88	-88	45	182	QAX,DRM,GB
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Pesticide	Captan	n/a	DNQ	0.7	µg/L	EPA 525.2	-88	1			QAX,DRM
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Pesticide	Captan	n/a	=	70	%	EPA 525.2	-88	-88	45	182	QAX,DRM
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Pesticide	Captan	n/a	=	200	%	EPA 525.2	-88	-88	0	30	QAX,DRM,IL
2012/13-1	Lab	method blank	10/23/2012	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2012/13-1	Lab	LCS	10/23/2012	Pesticide	Captan	n/a	DNQ	0.57	µg/L	EPA 525.2	-88	1			
2012/13-1	Lab	LCS, rec	10/23/2012	Pesticide	Captan	n/a	=	57	%	EPA 525.2	-88	-88	20	215	
2012/13-1	Lab	method blank	10/18/2012	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2012/13-1	000NONPJ	matrix spike	10/23/2012	Pesticide	Chloropropham	n/a	=	1.19	µg/L	EPA 525.2	0.01	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Pesticide	Chloropropham	n/a	=	119	%	EPA 525.2	-88	-88	76	137	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Pesticide	Chloropropham	n/a	=	1.15	µg/L	EPA 525.2	0.01	0.1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Pesticide	Chloropropham	n/a	=	115	%	EPA 525.2	-88	-88	76	137	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Pesticide	Chloropropham	n/a	=	3	%	EPA 525.2	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2012/13-1	Lab	LCS	10/23/2012	Pesticide	Chloropropham	n/a	=	0.96	µg/L	EPA 525.2	0.01	0.1			
2012/13-1	Lab	LCS, rec	10/23/2012	Pesticide	Chloropropham	n/a	=	96	%	EPA 525.2	-88	-88	74	133	
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Chlorpyrifos	n/a	=	0.0649	µg/L	EPA 525.2	0.0069	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Chlorpyrifos	n/a	=	0.0592	µg/L	EPA 525.2	0.0069	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Chlorpyrifos	n/a	=	118	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Chlorpyrifos	n/a	=	130	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Chlorpyrifos	n/a	=	9	%	EPA 525.2	-88	-88	0	25	QAX
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Chlorpyrifos	n/a	=	0.0572	µg/L	EPA 525.2	0.0069	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	
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Chlorpyrifos	n/a	=	114	%	EPA 525.2	-88	-88	50	150	
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Coumaphos	n/a	=	0.0777	µg/L	EPA 525.2	0.0051	0.01			QAX,GB
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Coumaphos	n/a	=	0.0781	µg/L	EPA 525.2	0.0051	0.01			QAX,GB
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Coumaphos	n/a	=	156	%	EPA 525.2	-88	-88	50	150	QAX,GB
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Coumaphos	n/a	=	155	%	EPA 525.2	-88	-88	50	150	QAX,GB
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Coumaphos	n/a	=	0.6	%	EPA 525.2	-88	-88	0	25	QAX,GB
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Coumaphos	n/a	=	0.108	µg/L	EPA 525.2	0.0051	0.01			EUM
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Coumaphos	n/a	=	216	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			
2012/13-1	000NONPJ	matrix spike	10/23/2012	Pesticide	Cyanazine	n/a	=	1.14	µg/L	EPA 525.2	0.024	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Pesticide	Cyanazine	n/a	=	114	%	EPA 525.2	-88	-88	26	145	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Pesticide	Cyanazine	n/a	=	0.99	µg/L	EPA 525.2	0.024	0.1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Pesticide	Cyanazine	n/a	=	99	%	EPA 525.2	-88	-88	26	145	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Pesticide	Cyanazine	n/a	=	14	%	EPA 525.2	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2012/13-1	Lab	LCS	10/23/2012	Pesticide	Cyanazine	n/a	=	0.97	µg/L	EPA 525.2	0.024	0.1			
2012/13-1	Lab	LCS, rec	10/23/2012	Pesticide	Cyanazine	n/a	=	97	%	EPA 525.2	-88	-88	69	131	
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	Dalapon	n/a	=	17.2	µg/L	EPA 515.3	0.1	0.4			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	Dalapon	n/a	=	108	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	Dalapon	n/a	=	9.46	µg/L	EPA 515.3	0.1	0.4			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	Dalapon	n/a	=	118	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/16/2012	Pesticide	Dalapon	n/a	=	9.35	µg/L	EPA 515.3	0.1	0.4			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/16/2012	Pesticide	Dalapon	n/a	=	117	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/16/2012	Pesticide	Dalapon	n/a	=	1	%	EPA 515.3	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/16/2012	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2012/13-1	Lab	LCS	10/16/2012	Pesticide	Dalapon	n/a	=	8.88	µg/L	EPA 515.3	0.1	0.4			
2012/13-1	Lab	LCS, rec	10/16/2012	Pesticide	Dalapon	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	DCPA (Dacthal)	n/a	=	6.8	µg/L	EPA 515.3	0.07	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	DCPA (Dacthal)	n/a	=	85	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	DCPA (Dacthal)	n/a	=	3.83	µg/L	EPA 515.3	0.07	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	DCPA (Dacthal)	n/a	=	96	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/16/2012	Pesticide	DCPA (Dacthal)	n/a	=	3.7	µg/L	EPA 515.3	0.07	0.1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/16/2012	Pesticide	DCPA (Dacthal)	n/a	=	92	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/16/2012	Pesticide	DCPA (Dacthal)	n/a	=	4	%	EPA 515.3	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/16/2012	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2012/13-1	Lab	LCS	10/16/2012	Pesticide	DCPA (Dacthal)	n/a	=	3.45	µg/L	EPA 515.3	0.07	0.1			
2012/13-1	Lab	LCS, rec	10/16/2012	Pesticide	DCPA (Dacthal)	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2012/13-1	Lab	method blank	10/18/2012	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2012/13-1	Lab	LCS	10/18/2012	Pesticide	delta-BHC	n/a	=	0.1	µg/L	EPA 608	0.0025	0.005			
2012/13-1	Lab	LCS, rec	10/18/2012	Pesticide	delta-BHC	n/a	=	100	%	EPA 608	-88	-88	19	140	
2012/13-1	MO-OJA	matrix spike	10/18/2012	Pesticide	delta-BHC	n/a	=	0.0803	µg/L	EPA 608	0.0025	0.005			
2012/13-1	MO-OJA	matrix spike, rec	10/18/2012	Pesticide	delta-BHC	n/a	=	80	%	EPA 608	-88	-88	19	140	
2012/13-1	MO-OJA	matrix spike dup	10/18/2012	Pesticide	delta-BHC	n/a	=	0.0797	µg/L	EPA 608	0.0025	0.005			
2012/13-1	MO-OJA	matrix spike dup, rec	10/18/2012	Pesticide	delta-BHC	n/a	=	80	%	EPA 608	-88	-88	19	140	
2012/13-1	MO-OJA	matrix spike, RPD	10/18/2012	Pesticide	delta-BHC	n/a	=	0.7	%	EPA 608	-88	-88	0	30	
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Demeton-O	n/a	=	0.0248	µg/L	EPA 525.2	0.01	0.01			QAX

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Demeton-O	n/a	=	0.026	µg/L	EPA 525.2	0.01	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Demeton-O	n/a	=	52	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Demeton-O	n/a	=	50	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Demeton-O	n/a	=	5	%	EPA 525.2	-88	-88	0	25	QAX
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Demeton-O	n/a	=	0.0327	µg/L	EPA 525.2	0.01	0.01			
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Demeton-O	n/a	=	65	%	EPA 525.2	-88	-88	50	150	
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Demeton-S	n/a	=	0.0248	µg/L	EPA 525.2	0.01	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Demeton-S	n/a	=	0.026	µg/L	EPA 525.2	0.01	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Demeton-S	n/a	=	52	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Demeton-S	n/a	=	50	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Demeton-S	n/a	=	5	%	EPA 525.2	-88	-88	0	25	QAX
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Demeton-S	n/a	=	0.0327	µg/L	EPA 525.2	0.01	0.01			
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Demeton-S	n/a	=	65	%	EPA 525.2	-88	-88	50	150	
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Diazinon	n/a	=	0.0378	µg/L	EPA 525.2	0.0052	0.01			QAX,IP
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Diazinon	n/a	=	0.0333	µg/L	EPA 525.2	0.0052	0.01			QAX,IP
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Diazinon	n/a	=	67	%	EPA 525.2	-88	-88	50	150	QAX,IP
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Diazinon	n/a	=	76	%	EPA 525.2	-88	-88	50	150	QAX,IP
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Diazinon	n/a	=	12	%	EPA 525.2	-88	-88	0	25	QAX,IP
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Diazinon	n/a	=	0.045	µg/L	EPA 525.2	0.0052	0.01			IP
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Diazinon	n/a	=	90	%	EPA 525.2	-88	-88	50	150	IP
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Diazinon	n/a	=	0.0511	µg/L	EPA 525.2	0.0052	0.01			IP
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	Dicamba	n/a	=	16	µg/L	EPA 515.3	0.12	0.6			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	Dicamba	n/a	=	100	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	Dicamba	n/a	=	8.79	µg/L	EPA 515.3	0.12	0.6			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	Dicamba	n/a	=	110	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/16/2012	Pesticide	Dicamba	n/a	=	8.36	µg/L	EPA 515.3	0.12	0.6			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/16/2012	Pesticide	Dicamba	n/a	=	105	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/16/2012	Pesticide	Dicamba	n/a	=	5	%	EPA 515.3	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/16/2012	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2012/13-1	Lab	LCS	10/16/2012	Pesticide	Dicamba	n/a	=	8.09	µg/L	EPA 515.3	0.12	0.6			
2012/13-1	Lab	LCS, rec	10/16/2012	Pesticide	Dicamba	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	Dichlorprop	n/a	=	16.1	µg/L	EPA 515.3	0.08	0.3			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	Dichlorprop	n/a	=	100	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	Dichlorprop	n/a	=	8.29	µg/L	EPA 515.3	0.08	0.3			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	Dichlorprop	n/a	=	104	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/16/2012	Pesticide	Dichlorprop	n/a	=	7.87	µg/L	EPA 515.3	0.08	0.3			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/16/2012	Pesticide	Dichlorprop	n/a	=	98	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/16/2012	Pesticide	Dichlorprop	n/a	=	5	%	EPA 515.3	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/16/2012	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2012/13-1	Lab	LCS	10/16/2012	Pesticide	Dichlorprop	n/a	=	8.28	µg/L	EPA 515.3	0.08	0.3			
2012/13-1	Lab	LCS, rec	10/16/2012	Pesticide	Dichlorprop	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Dichlorvos	n/a	=	0.0439	µg/L	EPA 525.2	0.0029	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Dichlorvos	n/a	=	0.0421	µg/L	EPA 525.2	0.0029	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Dichlorvos	n/a	=	84	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Dichlorvos	n/a	=	88	%	EPA 525.2	-88	-88	50	150	QAX

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Dichlorvos	n/a	=	4	%	EPA 525.2	-88	-88	0	25	QAX
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Dichlorvos	n/a	=	0.0344	µg/L	EPA 525.2	0.0029	0.01			
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Dichlorvos	n/a	=	69	%	EPA 525.2	-88	-88	50	150	
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2012/13-1	Lab	method blank	10/18/2012	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2012/13-1	Lab	LCS	10/18/2012	Pesticide	Dieldrin	n/a	=	0.0983	µg/L	EPA 608	0.0021	0.01			
2012/13-1	Lab	LCS, rec	10/18/2012	Pesticide	Dieldrin	n/a	=	98	%	EPA 608	-88	-88	36	146	
2012/13-1	MO-OJA	matrix spike	10/18/2012	Pesticide	Dieldrin	n/a	=	0.0888	µg/L	EPA 608	0.0021	0.01			
2012/13-1	MO-OJA	matrix spike, rec	10/18/2012	Pesticide	Dieldrin	n/a	=	89	%	EPA 608	-88	-88	36	146	
2012/13-1	MO-OJA	matrix spike dup	10/18/2012	Pesticide	Dieldrin	n/a	=	0.0748	µg/L	EPA 608	0.0021	0.01			
2012/13-1	MO-OJA	matrix spike dup, rec	10/18/2012	Pesticide	Dieldrin	n/a	=	75	%	EPA 608	-88	-88	36	146	
2012/13-1	MO-OJA	matrix spike, RPD	10/18/2012	Pesticide	Dieldrin	n/a	=	17	%	EPA 608	-88	-88	0	30	
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Dimethoate	n/a	=	0.0586	µg/L	EPA 525.2	0.0062	0.01			QAX,IP
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Dimethoate	n/a	=	0.0585	µg/L	EPA 525.2	0.0062	0.01			QAX,IP
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Dimethoate	n/a	=	117	%	EPA 525.2	-88	-88	50	150	QAX,IP
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Dimethoate	n/a	=	117	%	EPA 525.2	-88	-88	50	150	QAX,IP
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Dimethoate	n/a	=	0.2	%	EPA 525.2	-88	-88	0	25	QAX,IP
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Dimethoate	n/a	=	0.0845	µg/L	EPA 525.2	0.0062	0.01			EUM,IP
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Dimethoate	n/a	=	169	%	EPA 525.2	-88	-88	50	150	EUM,IP
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Dimethoate	n/a	=	0.0643	µg/L	EPA 525.2	0.0062	0.01			IP
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	Dinoseb	n/a	=	8.24	µg/L	EPA 515.3	0.14	0.4			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	Dinoseb	n/a	=	103	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	Dinoseb	n/a	=	4.43	µg/L	EPA 515.3	0.14	0.4			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	Dinoseb	n/a	=	111	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/16/2012	Pesticide	Dinoseb	n/a	=	4.28	µg/L	EPA 515.3	0.14	0.4			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/16/2012	Pesticide	Dinoseb	n/a	=	107	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/16/2012	Pesticide	Dinoseb	n/a	=	3	%	EPA 515.3	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/16/2012	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2012/13-1	Lab	LCS	10/16/2012	Pesticide	Dinoseb	n/a	=	4.22	µg/L	EPA 515.3	0.14	0.4			
2012/13-1	Lab	LCS, rec	10/16/2012	Pesticide	Dinoseb	n/a	=	105	%	EPA 515.3	-88	-88	70	130	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Pesticide	Diphenamid	n/a	=	1.03	µg/L	EPA 525.2	0.024	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Pesticide	Diphenamid	n/a	=	103	%	EPA 525.2	-88	-88	86	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Pesticide	Diphenamid	n/a	=	1	µg/L	EPA 525.2	0.024	0.1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Pesticide	Diphenamid	n/a	=	100	%	EPA 525.2	-88	-88	86	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Pesticide	Diphenamid	n/a	=	3	%	EPA 525.2	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2012/13-1	Lab	LCS	10/23/2012	Pesticide	Diphenamid	n/a	=	0.94	µg/L	EPA 525.2	0.024	0.1			
2012/13-1	Lab	LCS, rec	10/23/2012	Pesticide	Diphenamid	n/a	=	94	%	EPA 525.2	-88	-88	82	144	
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Disulfoton	n/a	=	0.0341	µg/L	EPA 525.2	0.01	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Disulfoton	n/a	=	0.0348	µg/L	EPA 525.2	0.01	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Disulfoton	n/a	=	70	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Disulfoton	n/a	=	68	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Disulfoton	n/a	=	2	%	EPA 525.2	-88	-88	0	25	QAX
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Disulfoton	n/a	=	0.0369	µg/L	EPA 525.2	0.01	0.01			
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Disulfoton	n/a	=	74	%	EPA 525.2	-88	-88	50	150	
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-1	Lab	method blank	10/18/2012	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	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	
2012/13-1	Lab	LCS	10/18/2012	Pesticide	Endosulfan I	n/a	=	0.0558	µg/L	EPA 608	0.0017	0.02			
2012/13-1	Lab	LCS, rec	10/18/2012	Pesticide	Endosulfan I	n/a	=	56	%	EPA 608	-88	-88	45	153	
2012/13-1	MO-OJA	matrix spike	10/18/2012	Pesticide	Endosulfan I	n/a	=	0.0464	µg/L	EPA 608	0.0017	0.02			
2012/13-1	MO-OJA	matrix spike, rec	10/18/2012	Pesticide	Endosulfan I	n/a	=	46	%	EPA 608	-88	-88	45	153	
2012/13-1	MO-OJA	matrix spike dup	10/18/2012	Pesticide	Endosulfan I	n/a	=	0.0398	µg/L	EPA 608	0.0017	0.02			GB
2012/13-1	MO-OJA	matrix spike dup, rec	10/18/2012	Pesticide	Endosulfan I	n/a	=	40	%	EPA 608	-88	-88	45	153	GB
2012/13-1	MO-OJA	matrix spike, RPD	10/18/2012	Pesticide	Endosulfan I	n/a	=	16	%	EPA 608	-88	-88	0	30	GB
2012/13-1	Lab	method blank	10/18/2012	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2012/13-1	Lab	LCS	10/18/2012	Pesticide	Endosulfan II	n/a	=	0.0769	µg/L	EPA 608	0.0019	0.01			
2012/13-1	Lab	LCS, rec	10/18/2012	Pesticide	Endosulfan II	n/a	=	77	%	EPA 608	-88	-88	2	202	
2012/13-1	MO-OJA	matrix spike	10/18/2012	Pesticide	Endosulfan II	n/a	=	0.0292	µg/L	EPA 608	0.0019	0.01			
2012/13-1	MO-OJA	matrix spike, rec	10/18/2012	Pesticide	Endosulfan II	n/a	=	29	%	EPA 608	-88	-88	2	202	
2012/13-1	MO-OJA	matrix spike dup	10/18/2012	Pesticide	Endosulfan II	n/a	=	0.0367	µg/L	EPA 608	0.0019	0.01			
2012/13-1	MO-OJA	matrix spike dup, rec	10/18/2012	Pesticide	Endosulfan II	n/a	=	37	%	EPA 608	-88	-88	2	202	
2012/13-1	MO-OJA	matrix spike, RPD	10/18/2012	Pesticide	Endosulfan II	n/a	=	23	%	EPA 608	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2012/13-1	Lab	LCS	10/18/2012	Pesticide	Endosulfan sulfate	n/a	=	0.12	µg/L	EPA 608	0.008	0.05			
2012/13-1	Lab	LCS, rec	10/18/2012	Pesticide	Endosulfan sulfate	n/a	=	120	%	EPA 608	-88	-88	26	144	
2012/13-1	MO-OJA	matrix spike	10/18/2012	Pesticide	Endosulfan sulfate	n/a	=	0.0736	µg/L	EPA 608	0.008	0.05			
2012/13-1	MO-OJA	matrix spike, rec	10/18/2012	Pesticide	Endosulfan sulfate	n/a	=	74	%	EPA 608	-88	-88	26	144	
2012/13-1	MO-OJA	matrix spike dup	10/18/2012	Pesticide	Endosulfan sulfate	n/a	=	0.0861	µg/L	EPA 608	0.008	0.05			
2012/13-1	MO-OJA	matrix spike dup, rec	10/18/2012	Pesticide	Endosulfan sulfate	n/a	=	86	%	EPA 608	-88	-88	26	144	
2012/13-1	MO-OJA	matrix spike, RPD	10/18/2012	Pesticide	Endosulfan sulfate	n/a	=	16	%	EPA 608	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2012/13-1	Lab	LCS	10/18/2012	Pesticide	Endrin	n/a	=	0.114	µg/L	EPA 608	0.0028	0.01			
2012/13-1	Lab	LCS, rec	10/18/2012	Pesticide	Endrin	n/a	=	114	%	EPA 608	-88	-88	30	147	
2012/13-1	MO-OJA	matrix spike	10/18/2012	Pesticide	Endrin	n/a	=	0.105	µg/L	EPA 608	0.0028	0.01			
2012/13-1	MO-OJA	matrix spike, rec	10/18/2012	Pesticide	Endrin	n/a	=	105	%	EPA 608	-88	-88	30	147	
2012/13-1	MO-OJA	matrix spike dup	10/18/2012	Pesticide	Endrin	n/a	=	0.0861	µg/L	EPA 608	0.0028	0.01			
2012/13-1	MO-OJA	matrix spike dup, rec	10/18/2012	Pesticide	Endrin	n/a	=	86	%	EPA 608	-88	-88	30	147	
2012/13-1	MO-OJA	matrix spike, RPD	10/18/2012	Pesticide	Endrin	n/a	=	20	%	EPA 608	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2012/13-1	Lab	LCS	10/18/2012	Pesticide	Endrin aldehyde	n/a	=	0.111	µg/L	EPA 608	0.003	0.01			
2012/13-1	Lab	LCS, rec	10/18/2012	Pesticide	Endrin aldehyde	n/a	=	111	%	EPA 608	-88	-88	41	203	
2012/13-1	MO-OJA	matrix spike	10/18/2012	Pesticide	Endrin aldehyde	n/a	=	0.032	µg/L	EPA 608	0.003	0.01			
2012/13-1	MO-OJA	matrix spike, rec	10/18/2012	Pesticide	Endrin aldehyde	n/a	=	32	%	EPA 608	-88	-88	30	180	
2012/13-1	MO-OJA	matrix spike dup	10/18/2012	Pesticide	Endrin aldehyde	n/a	=	0.0382	µg/L	EPA 608	0.003	0.01			
2012/13-1	MO-OJA	matrix spike dup, rec	10/18/2012	Pesticide	Endrin aldehyde	n/a	=	38	%	EPA 608	-88	-88	30	180	
2012/13-1	MO-OJA	matrix spike, RPD	10/18/2012	Pesticide	Endrin aldehyde	n/a	=	18	%	EPA 608	-88	-88	0	30	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Pesticide	EPTC	n/a	=	1.15	µg/L	EPA 525.2	0.017	1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Pesticide	EPTC	n/a	=	115	%	EPA 525.2	-88	-88	67	119	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Pesticide	EPTC	n/a	=	1.04	µg/L	EPA 525.2	0.017	1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Pesticide	EPTC	n/a	=	104	%	EPA 525.2	-88	-88	67	119	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Pesticide	EPTC	n/a	=	10	%	EPA 525.2	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2012/13-1	Lab	LCS	10/23/2012	Pesticide	EPTC	n/a	=	1.05	µg/L	EPA 525.2	0.017	1			
2012/13-1	Lab	LCS, rec	10/23/2012	Pesticide	EPTC	n/a	=	105	%	EPA 525.2	-88	-88	75	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	
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Ethoprop	n/a	=	0.0617	µg/L	EPA 525.2	0.0067	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Ethoprop	n/a	=	0.0566	µg/L	EPA 525.2	0.0067	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Ethoprop	n/a	=	113	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Ethoprop	n/a	=	123	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Ethoprop	n/a	=	9	%	EPA 525.2	-88	-88	0	25	QAX
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Ethoprop	n/a	=	0.055	µg/L	EPA 525.2	0.0067	0.01			
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Ethoprop	n/a	=	110	%	EPA 525.2	-88	-88	50	150	
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Ethyl parathion	n/a	=	0.102	µg/L	EPA 525.2	0.0054	0.01			QAX,GB
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Ethyl parathion	n/a	=	0.0875	µg/L	EPA 525.2	0.0054	0.01			QAX,GB
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Ethyl parathion	n/a	=	175	%	EPA 525.2	-88	-88	50	150	QAX,GB
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Ethyl parathion	n/a	=	204	%	EPA 525.2	-88	-88	50	150	QAX,GB
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Ethyl parathion	n/a	=	15	%	EPA 525.2	-88	-88	0	25	QAX,GB
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Ethyl parathion	n/a	=	0.0794	µg/L	EPA 525.2	0.0054	0.01			EUM
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Ethyl parathion	n/a	=	159	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Fensulfothion	n/a	=	0.124	µg/L	EPA 525.2	0.0029	0.01			QAX,GB
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Fensulfothion	n/a	=	0.109	µg/L	EPA 525.2	0.0029	0.01			QAX,GB
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Fensulfothion	n/a	=	219	%	EPA 525.2	-88	-88	50	150	QAX,GB
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Fensulfothion	n/a	=	248	%	EPA 525.2	-88	-88	50	150	QAX,GB
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Fensulfothion	n/a	=	12	%	EPA 525.2	-88	-88	0	25	QAX,GB
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Fensulfothion	n/a	=	0.101	µg/L	EPA 525.2	0.0029	0.01			EUM
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Fensulfothion	n/a	=	202	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Fenthion	n/a	=	0.0512	µg/L	EPA 525.2	0.0038	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Fenthion	n/a	=	0.0494	µg/L	EPA 525.2	0.0038	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Fenthion	n/a	=	99	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Fenthion	n/a	=	102	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Fenthion	n/a	=	4	%	EPA 525.2	-88	-88	0	25	QAX
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Fenthion	n/a	=	0.0514	µg/L	EPA 525.2	0.0038	0.01			
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Fenthion	n/a	=	103	%	EPA 525.2	-88	-88	50	150	
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			
2012/13-1	Lab	method blank	10/18/2012	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2012/13-1	Lab	LCS	10/18/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0859	µg/L	EPA 608	0.0021	0.02			
2012/13-1	Lab	LCS, rec	10/18/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	86	%	EPA 608	-88	-88	32	127	
2012/13-1	MO-OJA	matrix spike	10/18/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0718	µg/L	EPA 608	0.0021	0.02			
2012/13-1	MO-OJA	matrix spike, rec	10/18/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	72	%	EPA 608	-88	-88	32	127	
2012/13-1	MO-OJA	matrix spike dup	10/18/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0623	µg/L	EPA 608	0.0021	0.02			
2012/13-1	MO-OJA	matrix spike dup, rec	10/18/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	62	%	EPA 608	-88	-88	32	127	
2012/13-1	MO-OJA	matrix spike, RPD	10/18/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	14	%	EPA 608	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2012/13-1	000NONPJ	matrix spike	10/26/2012	Pesticide	Glyphosate	n/a	=	17.1	µg/L	EPA 547	1.8	5			QAX
2012/13-1	000NONPJ	matrix spike dup	10/26/2012	Pesticide	Glyphosate	n/a	=	19.8	µg/L	EPA 547	1.8	5			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/26/2012	Pesticide	Glyphosate	n/a	=	79	%	EPA 547	-88	-88	68	134	QAX
2012/13-1	000NONPJ	matrix spike, rec	10/26/2012	Pesticide	Glyphosate	n/a	=	68	%	EPA 547	-88	-88	68	134	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/26/2012	Pesticide	Glyphosate	n/a	=	15	%	EPA 547	-88	-88	0	30	QAX
2012/13-1	Lab	LCS	10/26/2012	Pesticide	Glyphosate	n/a	=	28.3	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	
2012/13-1	Lab	LCS, rec	10/26/2012	Pesticide	Glyphosate	n/a	=	113	%	EPA 547	-88	-88	71	137	
2012/13-1	Lab	method blank	10/26/2012	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2012/13-1	MO-OJA	matrix spike	10/26/2012	Pesticide	Glyphosate	n/a	=	31.4	µg/L	EPA 547	1.8	5			
2012/13-1	MO-OJA	matrix spike dup	10/26/2012	Pesticide	Glyphosate	n/a	=	30.3	µg/L	EPA 547	1.8	5			
2012/13-1	MO-OJA	matrix spike dup, rec	10/26/2012	Pesticide	Glyphosate	n/a	=	121	%	EPA 547	-88	-88	68	134	
2012/13-1	MO-OJA	matrix spike, rec	10/26/2012	Pesticide	Glyphosate	n/a	=	126	%	EPA 547	-88	-88	68	134	
2012/13-1	MO-OJA	matrix spike, RPD	10/26/2012	Pesticide	Glyphosate	n/a	=	4	%	EPA 547	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2012/13-1	Lab	LCS	10/18/2012	Pesticide	Heptachlor	n/a	=	0.0845	µg/L	EPA 608	0.0017	0.01			
2012/13-1	Lab	LCS, rec	10/18/2012	Pesticide	Heptachlor	n/a	=	84	%	EPA 608	-88	-88	34	111	
2012/13-1	MO-OJA	matrix spike	10/18/2012	Pesticide	Heptachlor	n/a	=	0.0879	µg/L	EPA 608	0.0017	0.01			
2012/13-1	MO-OJA	matrix spike, rec	10/18/2012	Pesticide	Heptachlor	n/a	=	88	%	EPA 608	-88	-88	34	111	
2012/13-1	MO-OJA	matrix spike dup	10/18/2012	Pesticide	Heptachlor	n/a	=	0.0809	µg/L	EPA 608	0.0017	0.01			
2012/13-1	MO-OJA	matrix spike dup, rec	10/18/2012	Pesticide	Heptachlor	n/a	=	81	%	EPA 608	-88	-88	34	111	
2012/13-1	MO-OJA	matrix spike, RPD	10/18/2012	Pesticide	Heptachlor	n/a	=	8	%	EPA 608	-88	-88	0	30	
2012/13-1	Lab	method blank	10/18/2012	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2012/13-1	Lab	LCS	10/18/2012	Pesticide	Heptachlor epoxide	n/a	=	0.09	µg/L	EPA 608	0.0019	0.01			
2012/13-1	Lab	LCS, rec	10/18/2012	Pesticide	Heptachlor epoxide	n/a	=	90	%	EPA 608	-88	-88	37	142	
2012/13-1	MO-OJA	matrix spike	10/18/2012	Pesticide	Heptachlor epoxide	n/a	=	0.085	µg/L	EPA 608	0.0019	0.01			
2012/13-1	MO-OJA	matrix spike, rec	10/18/2012	Pesticide	Heptachlor epoxide	n/a	=	85	%	EPA 608	-88	-88	37	142	
2012/13-1	MO-OJA	matrix spike dup	10/18/2012	Pesticide	Heptachlor epoxide	n/a	=	0.0802	µg/L	EPA 608	0.0019	0.01			
2012/13-1	MO-OJA	matrix spike dup, rec	10/18/2012	Pesticide	Heptachlor epoxide	n/a	=	80	%	EPA 608	-88	-88	37	142	
2012/13-1	MO-OJA	matrix spike, RPD	10/18/2012	Pesticide	Heptachlor epoxide	n/a	=	6	%	EPA 608	-88	-88	0	30	
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Malathion	n/a	=	0.0733	µg/L	EPA 525.2	0.0076	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Malathion	n/a	=	0.0669	µg/L	EPA 525.2	0.0076	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Malathion	n/a	=	134	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Malathion	n/a	=	147	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Malathion	n/a	=	9	%	EPA 525.2	-88	-88	0	25	QAX
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Malathion	n/a	=	0.0554	µg/L	EPA 525.2	0.0076	0.01			
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Malathion	n/a	=	111	%	EPA 525.2	-88	-88	50	150	
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Merphos	n/a	=	0.0643	µg/L	EPA 525.2	0.0058	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Merphos	n/a	=	0.0646	µg/L	EPA 525.2	0.0058	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Merphos	n/a	=	129	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Merphos	n/a	=	129	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Merphos	n/a	=	0.5	%	EPA 525.2	-88	-88	0	25	QAX
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Merphos	n/a	=	0.0549	µg/L	EPA 525.2	0.0058	0.01			
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Merphos	n/a	=	110	%	EPA 525.2	-88	-88	50	150	
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			
2012/13-1	Lab	method blank	10/18/2012	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Methyl parathion	n/a	=	0.117	µg/L	EPA 525.2	0.0063	0.01			QAX,GB
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Methyl parathion	n/a	=	0.111	µg/L	EPA 525.2	0.0063	0.01			QAX,GB
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Methyl parathion	n/a	=	223	%	EPA 525.2	-88	-88	50	150	QAX,GB
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Methyl parathion	n/a	=	233	%	EPA 525.2	-88	-88	50	150	QAX,GB
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Methyl parathion	n/a	=	5	%	EPA 525.2	-88	-88	0	25	QAX,GB
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Methyl parathion	n/a	=	0.0833	µg/L	EPA 525.2	0.0063	0.01			EUM
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Methyl parathion	n/a	=	167	%	EPA 525.2	-88	-88	50	150	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	
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			
2012/13-1	000NONPJ	matrix spike	10/23/2012	Pesticide	Metolachlor	n/a	=	0.99	µg/L	EPA 525.2	0.012	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Pesticide	Metolachlor	n/a	=	99	%	EPA 525.2	-88	-88	53	178	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Pesticide	Metolachlor	n/a	=	0.98	µg/L	EPA 525.2	0.012	0.1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Pesticide	Metolachlor	n/a	=	98	%	EPA 525.2	-88	-88	53	178	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Pesticide	Metolachlor	n/a	=	1	%	EPA 525.2	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2012/13-1	Lab	LCS	10/23/2012	Pesticide	Metolachlor	n/a	=	1.05	µg/L	EPA 525.2	0.012	0.1			
2012/13-1	Lab	LCS, rec	10/23/2012	Pesticide	Metolachlor	n/a	=	105	%	EPA 525.2	-88	-88	55	170	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Pesticide	Metribuzin	n/a	=	0.85	µg/L	EPA 525.2	0.015	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Pesticide	Metribuzin	n/a	=	85	%	EPA 525.2	-88	-88	64	155	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Pesticide	Metribuzin	n/a	=	0.91	µg/L	EPA 525.2	0.015	0.1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Pesticide	Metribuzin	n/a	=	91	%	EPA 525.2	-88	-88	64	155	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Pesticide	Metribuzin	n/a	=	7	%	EPA 525.2	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2012/13-1	Lab	LCS	10/23/2012	Pesticide	Metribuzin	n/a	=	0.94	µg/L	EPA 525.2	0.015	0.1			
2012/13-1	Lab	LCS, rec	10/23/2012	Pesticide	Metribuzin	n/a	=	94	%	EPA 525.2	-88	-88	44	149	
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Mevinphos	n/a	=	0.0716	µg/L	EPA 525.2	0.0042	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Mevinphos	n/a	=	0.0697	µg/L	EPA 525.2	0.0042	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Mevinphos	n/a	=	139	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Mevinphos	n/a	=	143	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Mevinphos	n/a	=	3	%	EPA 525.2	-88	-88	0	25	QAX
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Mevinphos	n/a	=	0.0573	µg/L	EPA 525.2	0.0042	0.01			
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Mevinphos	n/a	=	115	%	EPA 525.2	-88	-88	50	150	
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			
2012/13-1	000NONPJ	matrix spike	10/23/2012	Pesticide	Molinate	n/a	=	1.12	µg/L	EPA 525.2	0.039	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Pesticide	Molinate	n/a	=	112	%	EPA 525.2	-88	-88	68	125	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Pesticide	Molinate	n/a	=	1.04	µg/L	EPA 525.2	0.039	0.1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Pesticide	Molinate	n/a	=	104	%	EPA 525.2	-88	-88	68	125	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Pesticide	Molinate	n/a	=	7	%	EPA 525.2	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2012/13-1	Lab	LCS	10/23/2012	Pesticide	Molinate	n/a	=	1.03	µg/L	EPA 525.2	0.039	0.1			
2012/13-1	Lab	LCS, rec	10/23/2012	Pesticide	Molinate	n/a	=	103	%	EPA 525.2	-88	-88	76	116	
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Naled	n/a	=	0.169	µg/L	EPA 525.2	0.0076	0.01			QAX,GB
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Naled	n/a	=	0.131	µg/L	EPA 525.2	0.0076	0.01			QAX,GB
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Naled	n/a	=	262	%	EPA 525.2	-88	-88	5	150	QAX,GB
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Naled	n/a	=	337	%	EPA 525.2	-88	-88	5	150	QAX,GB
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Naled	n/a	=	25	%	EPA 525.2	-88	-88	0	25	QAX,GB
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Naled	n/a	=	0.0547	µg/L	EPA 525.2	0.0076	0.01			
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Naled	n/a	=	109	%	EPA 525.2	-88	-88	5	150	
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	Pentachlorophenol	n/a	=	8.28	µg/L	EPA 515.3	0.04	0.2			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	Pentachlorophenol	n/a	=	104	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	Pentachlorophenol	n/a	=	4.56	µg/L	EPA 515.3	0.04	0.2			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	Pentachlorophenol	n/a	=	114	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/16/2012	Pesticide	Pentachlorophenol	n/a	=	4.41	µg/L	EPA 515.3	0.04	0.2			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/16/2012	Pesticide	Pentachlorophenol	n/a	=	110	%	EPA 515.3	-88	-88	70	130	QAX

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	000NONPJ	matrix spike, RPD	10/16/2012	Pesticide	Pentachlorophenol	n/a	=	3	%	EPA 515.3	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/16/2012	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2012/13-1	Lab	LCS	10/16/2012	Pesticide	Pentachlorophenol	n/a	=	4.28	µg/L	EPA 515.3	0.04	0.2			
2012/13-1	Lab	LCS, rec	10/16/2012	Pesticide	Pentachlorophenol	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Phorate	n/a	=	0.0559	µg/L	EPA 525.2	0.003	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Phorate	n/a	=	0.0519	µg/L	EPA 525.2	0.003	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Phorate	n/a	=	104	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Phorate	n/a	=	112	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Phorate	n/a	=	7	%	EPA 525.2	-88	-88	0	25	QAX
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Phorate	n/a	=	0.0415	µg/L	EPA 525.2	0.003	0.01			
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Phorate	n/a	=	83	%	EPA 525.2	-88	-88	50	150	
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	Picloram	n/a	=	9.3	µg/L	EPA 515.3	0.05	0.6			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	Picloram	n/a	=	116	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike	10/16/2012	Pesticide	Picloram	n/a	=	4.88	µg/L	EPA 515.3	0.05	0.6			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/16/2012	Pesticide	Picloram	n/a	=	122	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike dup	10/16/2012	Pesticide	Picloram	n/a	=	4.72	µg/L	EPA 515.3	0.05	0.6			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/16/2012	Pesticide	Picloram	n/a	=	118	%	EPA 515.3	-88	-88	70	130	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/16/2012	Pesticide	Picloram	n/a	=	3	%	EPA 515.3	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/16/2012	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2012/13-1	Lab	LCS	10/16/2012	Pesticide	Picloram	n/a	=	4.84	µg/L	EPA 515.3	0.05	0.6			
2012/13-1	Lab	LCS, rec	10/16/2012	Pesticide	Picloram	n/a	=	121	%	EPA 515.3	-88	-88	70	130	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Pesticide	Prometon	n/a	=	0.71	µg/L	EPA 525.2	0.024	0.2			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Pesticide	Prometon	n/a	=	71	%	EPA 525.2	-88	-88	5	148	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Pesticide	Prometon	n/a	=	0.78	µg/L	EPA 525.2	0.024	0.2			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Pesticide	Prometon	n/a	=	78	%	EPA 525.2	-88	-88	5	148	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Pesticide	Prometon	n/a	=	9	%	EPA 525.2	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2012/13-1	Lab	LCS	10/23/2012	Pesticide	Prometon	n/a	=	0.59	µg/L	EPA 525.2	0.024	0.2			
2012/13-1	Lab	LCS, rec	10/23/2012	Pesticide	Prometon	n/a	=	59	%	EPA 525.2	-88	-88	6	110	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Pesticide	Prometryn	n/a	=	0.92	µg/L	EPA 525.2	0.036	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Pesticide	Prometryn	n/a	=	92	%	EPA 525.2	-88	-88	44	169	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Pesticide	Prometryn	n/a	=	1.01	µg/L	EPA 525.2	0.036	0.1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Pesticide	Prometryn	n/a	=	101	%	EPA 525.2	-88	-88	44	169	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Pesticide	Prometryn	n/a	=	9	%	EPA 525.2	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2012/13-1	Lab	LCS	10/23/2012	Pesticide	Prometryn	n/a	=	0.99	µg/L	EPA 525.2	0.036	0.1			
2012/13-1	Lab	LCS, rec	10/23/2012	Pesticide	Prometryn	n/a	=	99	%	EPA 525.2	-88	-88	34	152	
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0513	µg/L	EPA 525.2	0.0041	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0501	µg/L	EPA 525.2	0.0041	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	100	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	103	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	2	%	EPA 525.2	-88	-88	0	25	QAX
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0513	µg/L	EPA 525.2	0.0041	0.01			
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	103	%	EPA 525.2	-88	-88	50	150	
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			
2012/13-1	000NONPJ	matrix spike	10/23/2012	Pesticide	Simazine	n/a	=	0.84	µg/L	EPA 525.2	0.015	0.1			QAX

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Pesticide	Simazine	n/a	=	84	%	EPA 525.2	-88	-88	53	152	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Pesticide	Simazine	n/a	=	0.89	µg/L	EPA 525.2	0.015	0.1			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Pesticide	Simazine	n/a	=	89	%	EPA 525.2	-88	-88	53	152	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Pesticide	Simazine	n/a	=	6	%	EPA 525.2	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2012/13-1	Lab	LCS	10/23/2012	Pesticide	Simazine	n/a	=	0.84	µg/L	EPA 525.2	0.015	0.1			
2012/13-1	Lab	LCS, rec	10/23/2012	Pesticide	Simazine	n/a	=	84	%	EPA 525.2	-88	-88	54	156	
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0455	µg/L	EPA 525.2	0.0031	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0453	µg/L	EPA 525.2	0.0031	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	91	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	91	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.5	%	EPA 525.2	-88	-88	0	25	QAX
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0662	µg/L	EPA 525.2	0.0031	0.01			
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	132	%	EPA 525.2	-88	-88	50	150	
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			
2012/13-1	000NONPJ	matrix spike	10/23/2012	Pesticide	Terbacil	n/a	DNQ	1.1	µg/L	EPA 525.2	0.55	2			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Pesticide	Terbacil	n/a	=	110	%	EPA 525.2	-88	-88	56	159	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Pesticide	Terbacil	n/a	DNQ	1.06	µg/L	EPA 525.2	0.55	2			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Pesticide	Terbacil	n/a	=	106	%	EPA 525.2	-88	-88	56	159	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Pesticide	Terbacil	n/a	=	4	%	EPA 525.2	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2012/13-1	Lab	LCS	10/23/2012	Pesticide	Terbacil	n/a	DNQ	1.11	µg/L	EPA 525.2	0.55	2			
2012/13-1	Lab	LCS, rec	10/23/2012	Pesticide	Terbacil	n/a	=	111	%	EPA 525.2	-88	-88	66	140	
2012/13-1	000NONPJ	matrix spike	10/23/2012	Pesticide	Thiobencarb	n/a	=	0.92	µg/L	EPA 525.2	0.025	0.2			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Pesticide	Thiobencarb	n/a	=	92	%	EPA 525.2	-88	-88	71	160	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Pesticide	Thiobencarb	n/a	=	1.03	µg/L	EPA 525.2	0.025	0.2			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Pesticide	Thiobencarb	n/a	=	103	%	EPA 525.2	-88	-88	71	160	QAX
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Pesticide	Thiobencarb	n/a	=	11	%	EPA 525.2	-88	-88	0	30	QAX
2012/13-1	Lab	method blank	10/23/2012	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2012/13-1	Lab	LCS	10/23/2012	Pesticide	Thiobencarb	n/a	=	1.02	µg/L	EPA 525.2	0.025	0.2			
2012/13-1	Lab	LCS, rec	10/23/2012	Pesticide	Thiobencarb	n/a	=	102	%	EPA 525.2	-88	-88	57	162	
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Tokuthion	n/a	=	0.054	µg/L	EPA 525.2	0.0078	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Tokuthion	n/a	=	0.0501	µg/L	EPA 525.2	0.0078	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Tokuthion	n/a	=	100	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Tokuthion	n/a	=	108	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Tokuthion	n/a	=	8	%	EPA 525.2	-88	-88	0	25	QAX
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Tokuthion	n/a	=	0.0577	µg/L	EPA 525.2	0.0078	0.01			
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Tokuthion	n/a	=	115	%	EPA 525.2	-88	-88	50	150	
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			
2012/13-1	Lab	method blank	10/18/2012	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2012/13-1	000NONPJ	matrix spike	11/9/2012	Pesticide	Trichloronate	n/a	=	0.0472	µg/L	EPA 525.2	0.0067	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup	11/9/2012	Pesticide	Trichloronate	n/a	=	0.0447	µg/L	EPA 525.2	0.0067	0.01			QAX
2012/13-1	000NONPJ	matrix spike dup, rec	11/9/2012	Pesticide	Trichloronate	n/a	=	89	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, rec	11/9/2012	Pesticide	Trichloronate	n/a	=	94	%	EPA 525.2	-88	-88	50	150	QAX
2012/13-1	000NONPJ	matrix spike, RPD	11/9/2012	Pesticide	Trichloronate	n/a	=	5	%	EPA 525.2	-88	-88	0	25	QAX
2012/13-1	Lab	LCS	11/9/2012	Pesticide	Trichloronate	n/a	=	0.05	µg/L	EPA 525.2	0.0067	0.01			
2012/13-1	Lab	LCS, rec	11/9/2012	Pesticide	Trichloronate	n/a	=	100	%	EPA 525.2	-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	
2012/13-1	Lab	method blank	11/9/2012	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2012/13-1	000NONPJ	matrix spike	10/23/2012	Pesticide	Trithion	n/a	=	0.88	µg/L	EPA 525.2	0.012	0.1			QAX
2012/13-1	000NONPJ	matrix spike, rec	10/23/2012	Pesticide	Trithion	n/a	=	88	%	EPA 525.2	-88	-88	86	144	QAX
2012/13-1	000NONPJ	matrix spike dup	10/23/2012	Pesticide	Trithion	n/a	=	0.83	µg/L	EPA 525.2	0.012	0.1			QAX,GB
2012/13-1	000NONPJ	matrix spike dup, rec	10/23/2012	Pesticide	Trithion	n/a	=	83	%	EPA 525.2	-88	-88	86	144	QAX,GB
2012/13-1	000NONPJ	matrix spike, RPD	10/23/2012	Pesticide	Trithion	n/a	=	6	%	EPA 525.2	-88	-88	0	30	QAX,GB
2012/13-1	Lab	method blank	10/23/2012	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2012/13-1	Lab	LCS	10/23/2012	Pesticide	Trithion	n/a	=	0.9	µg/L	EPA 525.2	0.012	0.1			
2012/13-1	Lab	LCS, rec	10/23/2012	Pesticide	Trithion	n/a	=	90	%	EPA 525.2	-88	-88	62	149	
2012/13-2	000NONPJ	matrix spike	11/27/2012	Anion	Chloride	n/a	=	48.6	mg/L	EPA 300.0	0.5	2.5			QAX,D
2012/13-2	000NONPJ	matrix spike, rec	11/27/2012	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	72	118	QAX,D
2012/13-2	000NONPJ	matrix spike dup	11/27/2012	Anion	Chloride	n/a	=	48.7	mg/L	EPA 300.0	0.5	2.5			QAX,D
2012/13-2	000NONPJ	matrix spike dup, rec	11/27/2012	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	72	118	QAX,D
2012/13-2	000NONPJ	matrix spike, RPD	11/27/2012	Anion	Chloride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	QAX,D
2012/13-2	000NONPJ	matrix spike	11/28/2012	Anion	Chloride	n/a	=	231	mg/L	EPA 300.0	1	5			QAX,D
2012/13-2	000NONPJ	matrix spike	11/28/2012	Anion	Chloride	n/a	=	77.6	mg/L	EPA 300.0	1	5			QAX,D
2012/13-2	000NONPJ	matrix spike dup	11/28/2012	Anion	Chloride	n/a	=	230	mg/L	EPA 300.0	1	5			QAX,D
2012/13-2	000NONPJ	matrix spike dup	11/28/2012	Anion	Chloride	n/a	=	76.3	mg/L	EPA 300.0	1	5			QAX,D
2012/13-2	000NONPJ	matrix spike dup, rec	11/28/2012	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	72	118	QAX,D
2012/13-2	000NONPJ	matrix spike dup, rec	11/28/2012	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	72	118	QAX,D
2012/13-2	000NONPJ	matrix spike, rec	11/28/2012	Anion	Chloride	n/a	=	94	%	EPA 300.0	-88	-88	72	118	QAX,D
2012/13-2	000NONPJ	matrix spike, rec	11/28/2012	Anion	Chloride	n/a	=	95	%	EPA 300.0	-88	-88	72	118	QAX,D
2012/13-2	000NONPJ	matrix spike, RPD	11/28/2012	Anion	Chloride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	QAX,D
2012/13-2	000NONPJ	matrix spike, RPD	11/28/2012	Anion	Chloride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	QAX,D
2012/13-2	Lab	method blank	11/27/2012	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2012/13-2	Lab	LCS	11/27/2012	Anion	Chloride	n/a	=	3.89	mg/L	EPA 300.0	0.1	0.5			
2012/13-2	Lab	LCS, rec	11/27/2012	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	90	110	
2012/13-2	Lab	LCS	11/28/2012	Anion	Chloride	n/a	=	3.87	mg/L	EPA 300.0	0.1	0.5			
2012/13-2	Lab	LCS, rec	11/28/2012	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	90	110	
2012/13-2	Lab	method blank	11/28/2012	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2012/13-2	ME-SCR	matrix spike	11/27/2012	Anion	Chloride	n/a	=	108	mg/L	EPA 300.0	1	5			D
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	72	118	D
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Anion	Chloride	n/a	=	108	mg/L	EPA 300.0	1	5			D
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	72	118	D
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Anion	Chloride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	D
2012/13-2	000NONPJ	matrix spike	11/27/2012	Anion	Fluoride	n/a	=	9.82	mg/L	EPA 300.0	0.1	0.5			QAX,D
2012/13-2	000NONPJ	matrix spike, rec	11/27/2012	Anion	Fluoride	n/a	=	94	%	EPA 300.0	-88	-88	79	109	QAX,D
2012/13-2	000NONPJ	matrix spike dup	11/27/2012	Anion	Fluoride	n/a	=	9.88	mg/L	EPA 300.0	0.1	0.5			QAX,D
2012/13-2	000NONPJ	matrix spike dup, rec	11/27/2012	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	79	109	QAX,D
2012/13-2	000NONPJ	matrix spike, RPD	11/27/2012	Anion	Fluoride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	QAX,D
2012/13-2	000NONPJ	matrix spike	11/28/2012	Anion	Fluoride	n/a	=	20	mg/L	EPA 300.0	0.2	1			QAX,D
2012/13-2	000NONPJ	matrix spike	11/28/2012	Anion	Fluoride	n/a	=	20.3	mg/L	EPA 300.0	0.2	1			QAX,D
2012/13-2	000NONPJ	matrix spike dup	11/28/2012	Anion	Fluoride	n/a	=	20.3	mg/L	EPA 300.0	0.2	1			QAX,D
2012/13-2	000NONPJ	matrix spike dup	11/28/2012	Anion	Fluoride	n/a	=	20.7	mg/L	EPA 300.0	0.2	1			QAX,D
2012/13-2	000NONPJ	matrix spike dup, rec	11/28/2012	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	79	109	QAX,D
2012/13-2	000NONPJ	matrix spike dup, rec	11/28/2012	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	79	109	QAX,D
2012/13-2	000NONPJ	matrix spike, rec	11/28/2012	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	79	109	QAX,D

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	000NONPJ	matrix spike, rec	11/28/2012	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	79	109	QAX,D
2012/13-2	000NONPJ	matrix spike, RPD	11/28/2012	Anion	Fluoride	n/a	=	3	%	EPA 300.0	-88	-88	0	20	QAX,D
2012/13-2	000NONPJ	matrix spike, RPD	11/28/2012	Anion	Fluoride	n/a	=	0.05	%	EPA 300.0	-88	-88	0	20	QAX,D
2012/13-2	Lab	method blank	11/27/2012	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2012/13-2	Lab	LCS	11/27/2012	Anion	Fluoride	n/a	=	2.09	mg/L	EPA 300.0	0.02	0.1			
2012/13-2	Lab	LCS, rec	11/27/2012	Anion	Fluoride	n/a	=	104	%	EPA 300.0	-88	-88	90	110	
2012/13-2	Lab	LCS	11/28/2012	Anion	Fluoride	n/a	=	2.05	mg/L	EPA 300.0	0.02	0.1			
2012/13-2	Lab	LCS, rec	11/28/2012	Anion	Fluoride	n/a	=	102	%	EPA 300.0	-88	-88	90	110	
2012/13-2	Lab	method blank	11/28/2012	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2012/13-2	ME-SCR	matrix spike	11/27/2012	Anion	Fluoride	n/a	=	19.6	mg/L	EPA 300.0	0.2	1			D
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	79	109	D
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Anion	Fluoride	n/a	=	19.7	mg/L	EPA 300.0	0.2	1			D
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	79	109	D
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Anion	Fluoride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	D
2012/13-2	000NONPJ	matrix spike	11/26/2012	Anion	Perchlorate	n/a	=	9.48	µg/L	EPA 314.0	0.95	2			QAX
2012/13-2	000NONPJ	matrix spike dup	11/26/2012	Anion	Perchlorate	n/a	=	9.85	µg/L	EPA 314.0	0.95	2			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	11/26/2012	Anion	Perchlorate	n/a	=	98	%	EPA 314.0	-88	-88	80	120	QAX
2012/13-2	000NONPJ	matrix spike, rec	11/26/2012	Anion	Perchlorate	n/a	=	95	%	EPA 314.0	-88	-88	80	120	QAX
2012/13-2	000NONPJ	matrix spike, RPD	11/26/2012	Anion	Perchlorate	n/a	=	4	%	EPA 314.0	-88	-88	0	15	QAX
2012/13-2	000NONPJ	matrix spike	11/27/2012	Anion	Perchlorate	n/a	=	10.7	µg/L	EPA 314.0	0.95	2			QAX
2012/13-2	000NONPJ	matrix spike dup	11/27/2012	Anion	Perchlorate	n/a	=	11.1	µg/L	EPA 314.0	0.95	2			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	11/27/2012	Anion	Perchlorate	n/a	=	111	%	EPA 314.0	-88	-88	80	120	QAX
2012/13-2	000NONPJ	matrix spike, rec	11/27/2012	Anion	Perchlorate	n/a	=	107	%	EPA 314.0	-88	-88	80	120	QAX
2012/13-2	000NONPJ	matrix spike, RPD	11/27/2012	Anion	Perchlorate	n/a	=	4	%	EPA 314.0	-88	-88	0	15	QAX
2012/13-2	000NONPJ	matrix spike	11/28/2012	Anion	Perchlorate	n/a	=	58.4	µg/L	EPA 314.0	0.95	2			QAX
2012/13-2	000NONPJ	matrix spike dup	11/28/2012	Anion	Perchlorate	n/a	=	60	µg/L	EPA 314.0	0.95	2			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	11/28/2012	Anion	Perchlorate	n/a	=	105	%	EPA 314.0	-88	-88	80	120	QAX
2012/13-2	000NONPJ	matrix spike, rec	11/28/2012	Anion	Perchlorate	n/a	=	88	%	EPA 314.0	-88	-88	80	120	QAX
2012/13-2	000NONPJ	matrix spike, RPD	11/28/2012	Anion	Perchlorate	n/a	=	3	%	EPA 314.0	-88	-88	0	15	QAX
2012/13-2	000NONPJ	matrix spike	11/28/2012	Anion	Perchlorate	n/a	=	14	µg/L	EPA 314.0	0.95	2			QAX
2012/13-2	000NONPJ	matrix spike dup	11/28/2012	Anion	Perchlorate	n/a	=	12.5	µg/L	EPA 314.0	0.95	2			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	11/28/2012	Anion	Perchlorate	n/a	=	94	%	EPA 314.0	-88	-88	80	120	QAX
2012/13-2	000NONPJ	matrix spike, rec	11/28/2012	Anion	Perchlorate	n/a	=	109	%	EPA 314.0	-88	-88	80	120	QAX
2012/13-2	000NONPJ	matrix spike, RPD	11/28/2012	Anion	Perchlorate	n/a	=	11	%	EPA 314.0	-88	-88	0	15	QAX
2012/13-2	Lab	LCS	11/21/2012	Anion	Perchlorate	n/a	=	11.2	µg/L	EPA 314.0	0.95	2			
2012/13-2	Lab	LCS, rec	11/21/2012	Anion	Perchlorate	n/a	=	112	%	EPA 314.0	-88	-88	85	115	
2012/13-2	Lab	method blank	11/21/2012	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2012/13-2	Lab	LCS	11/26/2012	Anion	Perchlorate	n/a	=	9.83	µg/L	EPA 314.0	0.95	2			
2012/13-2	Lab	LCS, rec	11/26/2012	Anion	Perchlorate	n/a	=	98	%	EPA 314.0	-88	-88	85	115	
2012/13-2	Lab	method blank	11/26/2012	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2012/13-2	Lab	LCS	11/27/2012	Anion	Perchlorate	n/a	=	10.2	µg/L	EPA 314.0	0.95	2			
2012/13-2	Lab	LCS, rec	11/27/2012	Anion	Perchlorate	n/a	=	102	%	EPA 314.0	-88	-88	85	115	
2012/13-2	Lab	method blank	11/27/2012	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2012/13-2	Lab	LCS	11/28/2012	Anion	Perchlorate	n/a	=	10.8	µg/L	EPA 314.0	0.95	2			
2012/13-2	Lab	LCS, rec	11/28/2012	Anion	Perchlorate	n/a	=	108	%	EPA 314.0	-88	-88	85	115	
2012/13-2	Lab	method blank	11/28/2012	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2012/13-2	Lab	LCS	11/28/2012	Anion	Perchlorate	n/a	=	10.2	µg/L	EPA 314.0	0.95	2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	Lab	LCS, rec	11/28/2012	Anion	Perchlorate	n/a	=	102	%	EPA 314.0	-88	-88	85	115	
2012/13-2	Lab	method blank	11/28/2012	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2012/13-2	ME-SCR	matrix spike	11/21/2012	Anion	Perchlorate	n/a	=	9.79	µg/L	EPA 314.0	0.95	2			
2012/13-2	ME-SCR	matrix spike dup	11/21/2012	Anion	Perchlorate	n/a	=	9.97	µg/L	EPA 314.0	0.95	2			
2012/13-2	ME-SCR	matrix spike dup, rec	11/21/2012	Anion	Perchlorate	n/a	=	100	%	EPA 314.0	-88	-88	80	120	
2012/13-2	ME-SCR	matrix spike, rec	11/21/2012	Anion	Perchlorate	n/a	=	98	%	EPA 314.0	-88	-88	80	120	
2012/13-2	ME-SCR	matrix spike, RPD	11/21/2012	Anion	Perchlorate	n/a	=	2	%	EPA 314.0	-88	-88	0	15	
2012/13-2	MO-CAM	field duplicate	11/18/2012	Bacteriological	E. Coli	n/a	=	15531	MPN/100 mL	MMO-MUG	10	10	-88	-88	
2012/13-2	MO-CAM	field duplicate	11/20/2012	Bacteriological	Fecal Coliform	n/a	=	22000	MPN/100 mL	SM 9221 E	2	2	-88	-88	
2012/13-2	MO-CAM	field duplicate	11/18/2012	Bacteriological	Total Coliform	n/a	=	365400	MPN/100 mL	MMO-MUG	1000	1000	-88	-88	
2012/13-2	Lab	method blank	11/27/2012	Cation	Calcium	Total	<	0.0156	mg/L	EPA 200.7	0.0156	0.1			
2012/13-2	Lab	LCS	11/27/2012	Cation	Calcium	Total	=	47.5	mg/L	EPA 200.7	0.0156	0.1			
2012/13-2	Lab	LCS, rec	11/27/2012	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	85	115	
2012/13-2	Lab	method blank	11/28/2012	Cation	Calcium	Total	<	0.0156	mg/L	EPA 200.7	0.0156	0.1			
2012/13-2	Lab	LCS	11/28/2012	Cation	Calcium	Total	=	51	mg/L	EPA 200.7	0.0156	0.1			
2012/13-2	Lab	LCS, rec	11/28/2012	Cation	Calcium	Total	=	102	%	EPA 200.7	-88	-88	85	115	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Cation	Calcium	Total	=	188	mg/L	EPA 200.7	0.0156	0.1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Cation	Calcium	Total	=	82	%	EPA 200.7	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Cation	Calcium	Total	=	190	mg/L	EPA 200.7	0.0156	0.1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Cation	Calcium	Total	=	87	%	EPA 200.7	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2012/13-2	MO-SPA	matrix spike	11/28/2012	Cation	Calcium	Total	=	109	mg/L	EPA 200.7	0.0156	0.1			
2012/13-2	MO-SPA	matrix spike, rec	11/28/2012	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2012/13-2	MO-SPA	matrix spike dup	11/28/2012	Cation	Calcium	Total	=	111	mg/L	EPA 200.7	0.0156	0.1			
2012/13-2	MO-SPA	matrix spike dup, rec	11/28/2012	Cation	Calcium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2012/13-2	MO-SPA	matrix spike, RPD	11/28/2012	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2012/13-2	MO-THO	matrix spike	11/28/2012	Cation	Calcium	Total	=	171	mg/L	EPA 200.7	0.0156	0.1			
2012/13-2	MO-THO	matrix spike, rec	11/28/2012	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2012/13-2	MO-THO	matrix spike dup	11/28/2012	Cation	Calcium	Total	=	165	mg/L	EPA 200.7	0.0156	0.1			
2012/13-2	MO-THO	matrix spike dup, rec	11/28/2012	Cation	Calcium	Total	=	89	%	EPA 200.7	-88	-88	70	130	
2012/13-2	MO-THO	matrix spike, RPD	11/28/2012	Cation	Calcium	Total	=	4	%	EPA 200.7	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Cation	Magnesium	Total	<	0.0121	mg/L	EPA 200.7	0.0121	0.1			
2012/13-2	Lab	LCS	11/27/2012	Cation	Magnesium	Total	=	49.9	mg/L	EPA 200.7	0.0121	0.1			
2012/13-2	Lab	LCS, rec	11/27/2012	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2012/13-2	Lab	method blank	11/28/2012	Cation	Magnesium	Total	<	0.0121	mg/L	EPA 200.7	0.0121	0.1			
2012/13-2	Lab	LCS	11/28/2012	Cation	Magnesium	Total	=	52.9	mg/L	EPA 200.7	0.0121	0.1			
2012/13-2	Lab	LCS, rec	11/28/2012	Cation	Magnesium	Total	=	105	%	EPA 200.7	-88	-88	85	115	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Cation	Magnesium	Total	=	106	mg/L	EPA 200.7	0.0121	0.1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Cation	Magnesium	Total	=	108	mg/L	EPA 200.7	0.0121	0.1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2012/13-2	MO-SPA	matrix spike	11/28/2012	Cation	Magnesium	Total	=	70.9	mg/L	EPA 200.7	0.0121	0.1			
2012/13-2	MO-SPA	matrix spike, rec	11/28/2012	Cation	Magnesium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2012/13-2	MO-SPA	matrix spike dup	11/28/2012	Cation	Magnesium	Total	=	72.3	mg/L	EPA 200.7	0.0121	0.1			
2012/13-2	MO-SPA	matrix spike dup, rec	11/28/2012	Cation	Magnesium	Total	=	109	%	EPA 200.7	-88	-88	70	130	
2012/13-2	MO-SPA	matrix spike, RPD	11/28/2012	Cation	Magnesium	Total	=	2	%	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	
2012/13-2	MO-THO	matrix spike	11/28/2012	Cation	Magnesium	Total	=	140	mg/L	EPA 200.7	0.0121	0.1			
2012/13-2	MO-THO	matrix spike, rec	11/28/2012	Cation	Magnesium	Total	=	110	%	EPA 200.7	-88	-88	70	130	
2012/13-2	MO-THO	matrix spike dup	11/28/2012	Cation	Magnesium	Total	=	136	mg/L	EPA 200.7	0.0121	0.1			
2012/13-2	MO-THO	matrix spike dup, rec	11/28/2012	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2012/13-2	MO-THO	matrix spike, RPD	11/28/2012	Cation	Magnesium	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2012/13-2	Lab	LCS	11/30/2012	Conventional	Alkalinity as CaCO3	n/a	=	254	mg/L	SM 2320 B	0.56	2			
2012/13-2	Lab	LCS, rec	11/30/2012	Conventional	Alkalinity as CaCO3	n/a	=	101	%	SM 2320 B	-88	-88	94	108	
2012/13-2	Lab	method blank	11/30/2012	Conventional	Alkalinity as CaCO3	n/a	DNQ	1.47	mg/L	SM 2320 B	0.56	2			IP,J
2012/13-2	ME-SCR	lab duplicate	11/30/2012	Conventional	Alkalinity as CaCO3	n/a	=	244	mg/L	SM 2320 B	0.56	2		15	
2012/13-2	ME-SCR	lab duplicate, RPD	11/30/2012	Conventional	Alkalinity as CaCO3	n/a	DNQ	0.8	%	SM 2320 B	0.56	2		15	
2012/13-2	Lab	LCS	11/24/2012	Conventional	BOD	n/a	=	185	mg/L	SM 5210 B	0.1	2			
2012/13-2	Lab	LCS, rec	11/24/2012	Conventional	BOD	n/a	=	93	%	SM 5210 B	-88	-88	85	115	
2012/13-2	000NONPJ	lab duplicate	11/27/2012	Conventional	COD	n/a	=	6230	mg/L	EPA 410.4	15	100			QAX,D
2012/13-2	000NONPJ	lab duplicate, RPD	11/27/2012	Conventional	COD	n/a	=	8	%	EPA 410.4	15	100		15	QAX,D
2012/13-2	Lab	LCS	11/27/2012	Conventional	COD	n/a	=	97.9	mg/L	EPA 410.4	0.73	5			
2012/13-2	Lab	LCS, rec	11/27/2012	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	
2012/13-2	Lab	method blank	11/27/2012	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2012/13-2	ME-SCR	matrix spike	11/27/2012	Conventional	COD	n/a	=	213	mg/L	EPA 410.4	1.5	10			D
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Conventional	COD	n/a	=	218	mg/L	EPA 410.4	1.5	10			D
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	D
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	D
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Conventional	COD	n/a	=	3	%	EPA 410.4	-88	-88	0	15	D
2012/13-2	ME-VR2	matrix spike	11/27/2012	Conventional	COD	n/a	=	216	mg/L	EPA 410.4	1.5	10			D
2012/13-2	ME-VR2	matrix spike dup	11/27/2012	Conventional	COD	n/a	=	217	mg/L	EPA 410.4	1.5	10			D
2012/13-2	ME-VR2	matrix spike dup, rec	11/27/2012	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	D
2012/13-2	ME-VR2	matrix spike, rec	11/27/2012	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	D
2012/13-2	ME-VR2	matrix spike, RPD	11/27/2012	Conventional	COD	n/a	=	0.3	%	EPA 410.4	-88	-88	0	15	D
2012/13-2	000NONPJ	matrix spike	12/6/2012	Conventional	Cyanide	Total	=	0.086	mg/L	EPA 335.4	0.0027	0.005			QAX
2012/13-2	000NONPJ	matrix spike, rec	12/6/2012	Conventional	Cyanide	Total	=	92	%	EPA 335.4	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike dup	12/6/2012	Conventional	Cyanide	Total	=	0.0977	mg/L	EPA 335.4	0.0027	0.005			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	12/6/2012	Conventional	Cyanide	Total	=	105	%	EPA 335.4	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/6/2012	Conventional	Cyanide	Total	=	13	%	EPA 335.4	-88	-88	0	20	QAX
2012/13-2	000NONPJ	matrix spike	12/6/2012	Conventional	Cyanide	Total	=	0.0944	mg/L	EPA 335.4	0.0027	0.005			QAX
2012/13-2	000NONPJ	matrix spike, rec	12/6/2012	Conventional	Cyanide	Total	=	105	%	EPA 335.4	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike dup	12/6/2012	Conventional	Cyanide	Total	=	0.0923	mg/L	EPA 335.4	0.0027	0.005			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	12/6/2012	Conventional	Cyanide	Total	=	102	%	EPA 335.4	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/6/2012	Conventional	Cyanide	Total	=	2	%	EPA 335.4	-88	-88	0	20	QAX
2012/13-2	000NONPJ	matrix spike	12/7/2012	Conventional	Cyanide	Total	=	0.0922	mg/L	EPA 335.4	0.0027	0.005			QAX
2012/13-2	000NONPJ	matrix spike, rec	12/7/2012	Conventional	Cyanide	Total	=	102	%	EPA 335.4	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike dup	12/7/2012	Conventional	Cyanide	Total	=	0.0867	mg/L	EPA 335.4	0.0027	0.005			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	12/7/2012	Conventional	Cyanide	Total	=	96	%	EPA 335.4	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/7/2012	Conventional	Cyanide	Total	=	6	%	EPA 335.4	-88	-88	0	20	QAX
2012/13-2	000NONPJ	matrix spike	12/7/2012	Conventional	Cyanide	Total	=	0.0909	mg/L	EPA 335.4	0.0027	0.005			QAX
2012/13-2	000NONPJ	matrix spike, rec	12/7/2012	Conventional	Cyanide	Total	=	101	%	EPA 335.4	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike dup	12/7/2012	Conventional	Cyanide	Total	=	0.0886	mg/L	EPA 335.4	0.0027	0.005			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	12/7/2012	Conventional	Cyanide	Total	=	98	%	EPA 335.4	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/7/2012	Conventional	Cyanide	Total	=	3	%	EPA 335.4	-88	-88	0	20	QAX

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	Lab	method blank	12/6/2012	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2012/13-2	Lab	LCS	12/6/2012	Conventional	Cyanide	Total	=	0.0482	mg/L	EPA 335.4	0.0027	0.005			
2012/13-2	Lab	LCS, rec	12/6/2012	Conventional	Cyanide	Total	=	107	%	EPA 335.4	-88	-88	90	110	
2012/13-2	Lab	LCS	12/7/2012	Conventional	Cyanide	Total	=	0.0441	mg/L	EPA 335.4	0.0027	0.005			
2012/13-2	Lab	LCS, rec	12/7/2012	Conventional	Cyanide	Total	=	98	%	EPA 335.4	-88	-88	90	110	
2012/13-2	Lab	method blank	12/7/2012	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2012/13-2	MO-CAM	field duplicate	12/7/2012	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2012/13-2	Lab	LCS	11/19/2012	Conventional	MBAS	n/a	=	0.187	mg/L	SM 5540 C	0.019	0.05			
2012/13-2	Lab	LCS, rec	11/19/2012	Conventional	MBAS	n/a	=	94	%	SM 5540 C	-88	-88	79	113	
2012/13-2	Lab	method blank	11/19/2012	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2012/13-2	ME-SCR	matrix spike	11/19/2012	Conventional	MBAS	n/a	=	0.266	mg/L	SM 5540 C	0.019	0.05			
2012/13-2	ME-SCR	matrix spike dup	11/19/2012	Conventional	MBAS	n/a	=	0.272	mg/L	SM 5540 C	0.019	0.05			
2012/13-2	ME-SCR	matrix spike dup, rec	11/19/2012	Conventional	MBAS	n/a	=	105	%	SM 5540 C	-88	-88	77	118	
2012/13-2	ME-SCR	matrix spike, rec	11/19/2012	Conventional	MBAS	n/a	=	102	%	SM 5540 C	-88	-88	77	118	
2012/13-2	ME-SCR	matrix spike, RPD	11/19/2012	Conventional	MBAS	n/a	=	2	%	SM 5540 C	-88	-88	0	20	
2012/13-2	000NONPJ	matrix spike	11/30/2012	Conventional	Phenolics	n/a	=	0.219	mg/L	EPA 420.4	0.0042	0.01			QAX
2012/13-2	000NONPJ	matrix spike, rec	11/30/2012	Conventional	Phenolics	n/a	=	104	%	EPA 420.4	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike dup	11/30/2012	Conventional	Phenolics	n/a	=	0.216	mg/L	EPA 420.4	0.0042	0.01			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	11/30/2012	Conventional	Phenolics	n/a	=	103	%	EPA 420.4	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike, RPD	11/30/2012	Conventional	Phenolics	n/a	=	1	%	EPA 420.4	-88	-88	0	20	QAX
2012/13-2	Lab	LCS	11/30/2012	Conventional	Phenolics	n/a	=	0.1	mg/L	EPA 420.4	0.0042	0.01			
2012/13-2	Lab	LCS, rec	11/30/2012	Conventional	Phenolics	n/a	=	100	%	EPA 420.4	-88	-88	90	110	
2012/13-2	Lab	method blank	11/30/2012	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2012/13-2	ME-SCR	matrix spike	11/30/2012	Conventional	Phenolics	n/a	=	0.246	mg/L	EPA 420.4	0.0042	0.01			
2012/13-2	ME-SCR	matrix spike, rec	11/30/2012	Conventional	Phenolics	n/a	=	99	%	EPA 420.4	-88	-88	90	110	
2012/13-2	ME-SCR	matrix spike dup	11/30/2012	Conventional	Phenolics	n/a	=	0.218	mg/L	EPA 420.4	0.0042	0.01			GB
2012/13-2	ME-SCR	matrix spike dup, rec	11/30/2012	Conventional	Phenolics	n/a	=	85	%	EPA 420.4	-88	-88	90	110	GB
2012/13-2	ME-SCR	matrix spike, RPD	11/30/2012	Conventional	Phenolics	n/a	=	12	%	EPA 420.4	-88	-88	0	20	
2012/13-2	Lab	LCS	11/30/2012	Conventional	Specific Conductance	n/a	=	210	µmhos/cm	SM 2510 B	0.23	2			
2012/13-2	Lab	LCS, rec	11/30/2012	Conventional	Specific Conductance	n/a	=	105	%	SM 2510 B	-88	-88	95	105	
2012/13-2	Lab	method blank	11/30/2012	Conventional	Specific Conductance	n/a	DNQ	0.44	µmhos/cm	SM 2510 B	0.23	2			IP,J
2012/13-2	Lab	LCS	12/15/2012	Conventional	Specific Conductance	n/a	=	204	µmhos/cm	SM 2510 B	0.23	2			
2012/13-2	Lab	LCS, rec	12/15/2012	Conventional	Specific Conductance	n/a	=	102	%	SM 2510 B	-88	-88	95	105	
2012/13-2	Lab	method blank	12/15/2012	Conventional	Specific Conductance	n/a	DNQ	0.43	µmhos/cm	SM 2510 B	0.23	2			IP,J
2012/13-2	ME-CC	lab duplicate	11/30/2012	Conventional	Specific Conductance	n/a	=	1170	µmhos/cm	SM 2510 B	0.23	2		4.28	
2012/13-2	ME-CC	lab duplicate, RPD	11/30/2012	Conventional	Specific Conductance	n/a	=	0.2	%	SM 2510 B	0.23	2		5	
2012/13-2	ME-SCR	lab duplicate	12/15/2012	Conventional	Specific Conductance	n/a	=	1670	µmhos/cm	SM 2510 B	0.47	4		4.28	D
2012/13-2	ME-SCR	lab duplicate	12/15/2012	Conventional	Specific Conductance	n/a	=	1640	µmhos/cm	SM 2510 B	0.47	4		4.28	D
2012/13-2	ME-SCR	lab duplicate, RPD	12/15/2012	Conventional	Specific Conductance	n/a	DNQ	3	%	SM 2510 B	0.47	4		5	D
2012/13-2	ME-SCR	lab duplicate, RPD	12/15/2012	Conventional	Specific Conductance	n/a	=	5	%	SM 2510 B	0.47	4		5	D
2012/13-2	Lab	LCS	11/19/2012	Conventional	Total Chlorine Residual	n/a	=	0.179	mg/L	SM 4500-Cl G	0.0015	0.05			
2012/13-2	Lab	LCS, rec	11/19/2012	Conventional	Total Chlorine Residual	n/a	=	90	%	SM 4500-Cl G	-88	-88	82	112	
2012/13-2	Lab	method blank	11/19/2012	Conventional	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05			
2012/13-2	ME-CC	matrix spike	11/19/2012	Conventional	Total Chlorine Residual	n/a	=	0.334	mg/L	SM 4500-Cl G	0.003	0.1			
2012/13-2	ME-CC	matrix spike dup	11/19/2012	Conventional	Total Chlorine Residual	n/a	=	0.313	mg/L	SM 4500-Cl G	0.003	0.1			
2012/13-2	ME-CC	matrix spike dup, rec	11/19/2012	Conventional	Total Chlorine Residual	n/a	=	72	%	SM 4500-Cl G	-88	-88	65	128	
2012/13-2	ME-CC	matrix spike, rec	11/19/2012	Conventional	Total Chlorine Residual	n/a	=	77	%	SM 4500-Cl G	-88	-88	65	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	
2012/13-2	ME-CC	matrix spike, RPD	11/19/2012	Conventional	Total Chlorine Residual	n/a	=	7	%	SM 4500-Cl G	-88	-88	0	15	
2012/13-2	Lab	LCS	11/21/2012	Conventional	Total Dissolved Solids	n/a	=	818	mg/L	SM 2540 C	4	10			
2012/13-2	Lab	LCS, rec	11/21/2012	Conventional	Total Dissolved Solids	n/a	=	99	%	SM 2540 C	-88	-88	91	104	
2012/13-2	Lab	method blank	11/21/2012	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2012/13-2	ME-SCR	lab duplicate	11/21/2012	Conventional	Total Dissolved Solids	n/a	=	1170	mg/L	SM 2540 C	4	10		10	
2012/13-2	ME-SCR	lab duplicate, RPD	11/21/2012	Conventional	Total Dissolved Solids	n/a	=	2	%	SM 2540 C	4	10		10	
2012/13-2	MO-OXN	lab duplicate	11/21/2012	Conventional	Total Dissolved Solids	n/a	=	259	mg/L	SM 2540 C	4	10		10	
2012/13-2	MO-OXN	lab duplicate, RPD	11/21/2012	Conventional	Total Dissolved Solids	n/a	=	3	%	SM 2540 C	4	10		10	
2012/13-2	Lab	LCS	11/26/2012	Conventional	Total Organic Carbon	n/a	=	5.09	mg/L	SM 5310 C	0.009	0.3			
2012/13-2	Lab	LCS, rec	11/26/2012	Conventional	Total Organic Carbon	n/a	=	102	%	SM 5310 C	-88	-88	90	110	
2012/13-2	Lab	method blank	11/26/2012	Conventional	Total Organic Carbon	n/a	DNQ	0.0189	mg/L	SM 5310 C	0.009	0.3			IP,J
2012/13-2	ME-SCR	matrix spike	11/26/2012	Conventional	Total Organic Carbon	n/a	=	10	mg/L	SM 5310 C	0.009	0.3			
2012/13-2	ME-SCR	matrix spike dup	11/26/2012	Conventional	Total Organic Carbon	n/a	=	9.82	mg/L	SM 5310 C	0.009	0.3			
2012/13-2	ME-SCR	matrix spike dup, rec	11/26/2012	Conventional	Total Organic Carbon	n/a	=	99	%	SM 5310 C	-88	-88	84	107	
2012/13-2	ME-SCR	matrix spike, rec	11/26/2012	Conventional	Total Organic Carbon	n/a	=	103	%	SM 5310 C	-88	-88	84	107	
2012/13-2	ME-SCR	matrix spike, RPD	11/26/2012	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 C	-88	-88	0	20	
2012/13-2	000NONPJ	lab duplicate	11/20/2012	Conventional	Total Suspended Solids	n/a	=	480	mg/L	SM 2540 D	5	5			QAX
2012/13-2	000NONPJ	lab duplicate, RPD	11/20/2012	Conventional	Total Suspended Solids	n/a	=	2	%	SM 2540 D	5	5		20	QAX
2012/13-2	Lab	method blank	11/20/2012	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5			
2012/13-2	MO-HUE	lab duplicate	11/20/2012	Conventional	Total Suspended Solids	n/a	=	34	mg/L	SM 2540 D	5	5		20	
2012/13-2	MO-HUE	lab duplicate, RPD	11/20/2012	Conventional	Total Suspended Solids	n/a	=	16	%	SM 2540 D	5	5		20	
2012/13-2	000NONPJ	lab duplicate	11/19/2012	Conventional	Turbidity	n/a	DNQ	0.08	NTU	EPA 180.1	0.024	0.1		10	QAX
2012/13-2	000NONPJ	lab duplicate, RPD	11/19/2012	Conventional	Turbidity	n/a	DNQ	0	%	EPA 180.1	0.024	0.1		10	QAX
2012/13-2	Lab	LCS	11/19/2012	Conventional	Turbidity	n/a	=	21.4	NTU	EPA 180.1	0.024	0.1			
2012/13-2	Lab	LCS	11/19/2012	Conventional	Turbidity	n/a	=	20.1	NTU	EPA 180.1	0.024	0.1			
2012/13-2	Lab	LCS, rec	11/19/2012	Conventional	Turbidity	n/a	=	96	%	EPA 180.1	-88	-88	90	110	
2012/13-2	Lab	LCS, rec	11/19/2012	Conventional	Turbidity	n/a	=	90	%	EPA 180.1	-88	-88	90	110	
2012/13-2	Lab	method blank	11/19/2012	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2012/13-2	Lab	method blank	11/19/2012	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2012/13-2	ME-SCR	lab duplicate	11/19/2012	Conventional	Turbidity	n/a	=	6.71	NTU	EPA 180.1	0.024	0.1		10	
2012/13-2	ME-SCR	lab duplicate, RPD	11/19/2012	Conventional	Turbidity	n/a	=	0	%	EPA 180.1	0.024	0.1		10	
2012/13-2	000NONPJ	lab duplicate	11/20/2012	Conventional	Volatile Suspended Solids	n/a	=	320	mg/L	EPA 160.4	3.1	5		15	QAX
2012/13-2	000NONPJ	lab duplicate, RPD	11/20/2012	Conventional	Volatile Suspended Solids	n/a	=	0.6	%	EPA 160.4	3.1	5		15	QAX
2012/13-2	Lab	method blank	11/20/2012	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2012/13-2	Lab	LCS	11/27/2012	Hydrocarbon	Oil and Grease	n/a	=	17.8	mg/L	EPA 1664A	1.3	5			
2012/13-2	Lab	LCS	11/27/2012	Hydrocarbon	Oil and Grease	n/a	DNQ	4.9	mg/L	EPA 1664A	1.3	5			
2012/13-2	Lab	LCS dup	11/27/2012	Hydrocarbon	Oil and Grease	n/a	=	18.7	mg/L	EPA 1664A	1.3	5			
2012/13-2	Lab	LCS dup, rec	11/27/2012	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664A	-88	-88	78	114	
2012/13-2	Lab	LCS, rec	11/27/2012	Hydrocarbon	Oil and Grease	n/a	=	89	%	EPA 1664A	-88	-88	78	114	
2012/13-2	Lab	LCS, rec	11/27/2012	Hydrocarbon	Oil and Grease	n/a	=	98	%	EPA 1664A	-88	-88	78	114	
2012/13-2	Lab	LCS, RPD	11/27/2012	Hydrocarbon	Oil and Grease	n/a	=	5	%	EPA 1664A	-88	-88	0	18	
2012/13-2	Lab	method blank	11/27/2012	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2012/13-2	Lab	LCS	11/30/2012	Hydrocarbon	Oil and Grease	n/a	=	18.6	mg/L	EPA 1664A	1.3	5			
2012/13-2	Lab	LCS	11/30/2012	Hydrocarbon	Oil and Grease	n/a	=	5.2	mg/L	EPA 1664A	1.3	5			
2012/13-2	Lab	LCS dup	11/30/2012	Hydrocarbon	Oil and Grease	n/a	=	19	mg/L	EPA 1664A	1.3	5			
2012/13-2	Lab	LCS dup, rec	11/30/2012	Hydrocarbon	Oil and Grease	n/a	=	95	%	EPA 1664A	-88	-88	78	114	
2012/13-2	Lab	LCS, rec	11/30/2012	Hydrocarbon	Oil and Grease	n/a	=	104	%	EPA 1664A	-88	-88	78	114	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	Lab	LCS, rec	11/30/2012	Hydrocarbon	Oil and Grease	n/a	=	93	%	EPA 1664A	-88	-88	78	114	
2012/13-2	Lab	LCS, RPD	11/30/2012	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664A	-88	-88	0	18	
2012/13-2	Lab	method blank	11/30/2012	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2012/13-2	ME-CC	matrix spike	11/27/2012	Hydrocarbon	Oil and Grease	n/a	=	16.9	mg/L	EPA 1664A	1.3	5			
2012/13-2	ME-CC	matrix spike, rec	11/27/2012	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664A	-88	-88	78	114	
2012/13-2	MO-CAM	field duplicate	11/30/2012	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2012/13-2	MO-VEN	matrix spike	11/30/2012	Hydrocarbon	Oil and Grease	n/a	=	18.7	mg/L	EPA 1664A	1.3	5			
2012/13-2	MO-VEN	matrix spike, rec	11/30/2012	Hydrocarbon	Oil and Grease	n/a	=	78	%	EPA 1664A	-88	-88	78	114	
2012/13-2	Lab	method blank	11/27/2012	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			
2012/13-2	Lab	method blank	11/30/2012	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			
2012/13-2	MO-CAM	field duplicate	11/30/2012	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			
2012/13-2	Lab	method blank	12/1/2012	Metal	Aluminum	Dissolved	DNQ	1.22	µg/L	EPA 200.8	0.61	5			IP,J
2012/13-2	Lab	LCS	12/1/2012	Metal	Aluminum	Dissolved	=	55.9	µg/L	EPA 200.8	0.61	5			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Aluminum	Dissolved	=	112	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Aluminum	Dissolved	DNQ	1.34	µg/L	EPA 200.8	0.61	5			IP,J
2012/13-2	Lab	LCS	12/3/2012	Metal	Aluminum	Dissolved	=	57.3	µg/L	EPA 200.8	0.61	5			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Aluminum	Dissolved	=	115	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/1/2012	Metal	Aluminum	Total	DNQ	1.22	µg/L	EPA 200.8	0.61	5			IP,J
2012/13-2	Lab	LCS	12/1/2012	Metal	Aluminum	Total	=	55.9	µg/L	EPA 200.8	0.61	5			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Aluminum	Total	=	112	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Aluminum	Total	DNQ	1.34	µg/L	EPA 200.8	0.61	5			IP,J
2012/13-2	Lab	LCS	12/3/2012	Metal	Aluminum	Total	=	57.3	µg/L	EPA 200.8	0.61	5			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Aluminum	Total	=	115	%	EPA 200.8	-88	-88	85	115	
2012/13-2	ME-SCR	matrix spike	12/1/2012	Metal	Aluminum	Total	=	291	µg/L	EPA 200.8	0.61	5			GB
2012/13-2	ME-SCR	matrix spike, rec	12/1/2012	Metal	Aluminum	Total	=	214	%	EPA 200.8	-88	-88	70	130	GB
2012/13-2	ME-SCR	matrix spike dup	12/1/2012	Metal	Aluminum	Total	=	281	µg/L	EPA 200.8	0.61	5			GB
2012/13-2	ME-SCR	matrix spike dup, rec	12/1/2012	Metal	Aluminum	Total	=	195	%	EPA 200.8	-88	-88	70	130	GB
2012/13-2	ME-SCR	matrix spike, RPD	12/1/2012	Metal	Aluminum	Total	=	3	%	EPA 200.8	-88	-88	0	30	GB
2012/13-2	MO-FIL	matrix spike	12/3/2012	Metal	Aluminum	Total	=	1040	µg/L	EPA 200.8	0.61	5			GB
2012/13-2	MO-FIL	matrix spike, rec	12/3/2012	Metal	Aluminum	Total	=	202	%	EPA 200.8	-88	-88	70	130	GB
2012/13-2	MO-FIL	matrix spike dup	12/3/2012	Metal	Aluminum	Total	=	1030	µg/L	EPA 200.8	0.61	5			GB
2012/13-2	MO-FIL	matrix spike dup, rec	12/3/2012	Metal	Aluminum	Total	=	186	%	EPA 200.8	-88	-88	70	130	GB
2012/13-2	MO-FIL	matrix spike, RPD	12/3/2012	Metal	Aluminum	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	GB
2012/13-2	MO-HUE	matrix spike	12/3/2012	Metal	Aluminum	Total	=	431	µg/L	EPA 200.8	0.61	5			GB
2012/13-2	MO-HUE	matrix spike, rec	12/3/2012	Metal	Aluminum	Total	=	138	%	EPA 200.8	-88	-88	70	130	GB
2012/13-2	MO-HUE	matrix spike dup	12/3/2012	Metal	Aluminum	Total	=	422	µg/L	EPA 200.8	0.61	5			
2012/13-2	MO-HUE	matrix spike dup, rec	12/3/2012	Metal	Aluminum	Total	=	120	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike, RPD	12/3/2012	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-2	Lab	method blank	12/1/2012	Metal	Antimony	Dissolved	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2012/13-2	Lab	LCS	12/1/2012	Metal	Antimony	Dissolved	=	46.6	µg/L	EPA 200.8	0.04	0.5			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Antimony	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Antimony	Dissolved	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2012/13-2	Lab	LCS	12/3/2012	Metal	Antimony	Dissolved	=	48.2	µg/L	EPA 200.8	0.04	0.5			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Antimony	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/1/2012	Metal	Antimony	Total	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2012/13-2	Lab	LCS	12/1/2012	Metal	Antimony	Total	=	46.6	µg/L	EPA 200.8	0.04	0.5			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Antimony	Total	=	93	%	EPA 200.8	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	Lab	method blank	12/3/2012	Metal	Antimony	Total	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2012/13-2	Lab	LCS	12/3/2012	Metal	Antimony	Total	=	48.2	µg/L	EPA 200.8	0.04	0.5			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Antimony	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2012/13-2	ME-SCR	matrix spike	12/1/2012	Metal	Antimony	Total	=	45.6	µg/L	EPA 200.8	0.04	0.5			
2012/13-2	ME-SCR	matrix spike, rec	12/1/2012	Metal	Antimony	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike dup	12/1/2012	Metal	Antimony	Total	=	46	µg/L	EPA 200.8	0.04	0.5			
2012/13-2	ME-SCR	matrix spike dup, rec	12/1/2012	Metal	Antimony	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike, RPD	12/1/2012	Metal	Antimony	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-FIL	matrix spike	12/3/2012	Metal	Antimony	Total	=	47.4	µg/L	EPA 200.8	0.04	0.5			
2012/13-2	MO-FIL	matrix spike, rec	12/3/2012	Metal	Antimony	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike dup	12/3/2012	Metal	Antimony	Total	=	47.2	µg/L	EPA 200.8	0.04	0.5			
2012/13-2	MO-FIL	matrix spike dup, rec	12/3/2012	Metal	Antimony	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike, RPD	12/3/2012	Metal	Antimony	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-HUE	matrix spike	12/3/2012	Metal	Antimony	Total	=	46.1	µg/L	EPA 200.8	0.04	0.5			
2012/13-2	MO-HUE	matrix spike, rec	12/3/2012	Metal	Antimony	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike dup	12/3/2012	Metal	Antimony	Total	=	46.8	µg/L	EPA 200.8	0.04	0.5			
2012/13-2	MO-HUE	matrix spike dup, rec	12/3/2012	Metal	Antimony	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike, RPD	12/3/2012	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-2	Lab	method blank	12/1/2012	Metal	Arsenic	Dissolved	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2012/13-2	Lab	LCS	12/1/2012	Metal	Arsenic	Dissolved	=	48.9	µg/L	EPA 200.8	0.036	0.4			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Arsenic	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Arsenic	Dissolved	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2012/13-2	Lab	LCS	12/3/2012	Metal	Arsenic	Dissolved	=	50.2	µg/L	EPA 200.8	0.036	0.4			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Arsenic	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/1/2012	Metal	Arsenic	Total	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2012/13-2	Lab	LCS	12/1/2012	Metal	Arsenic	Total	=	48.9	µg/L	EPA 200.8	0.036	0.4			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Arsenic	Total	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2012/13-2	Lab	LCS	12/3/2012	Metal	Arsenic	Total	=	50.2	µg/L	EPA 200.8	0.036	0.4			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2012/13-2	ME-SCR	matrix spike	12/1/2012	Metal	Arsenic	Total	=	52.2	µg/L	EPA 200.8	0.036	0.4			
2012/13-2	ME-SCR	matrix spike, rec	12/1/2012	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike dup	12/1/2012	Metal	Arsenic	Total	=	50.3	µg/L	EPA 200.8	0.036	0.4			
2012/13-2	ME-SCR	matrix spike dup, rec	12/1/2012	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike, RPD	12/1/2012	Metal	Arsenic	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-FIL	matrix spike	12/3/2012	Metal	Arsenic	Total	=	50.6	µg/L	EPA 200.8	0.036	0.4			
2012/13-2	MO-FIL	matrix spike, rec	12/3/2012	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike dup	12/3/2012	Metal	Arsenic	Total	=	50.7	µg/L	EPA 200.8	0.036	0.4			
2012/13-2	MO-FIL	matrix spike dup, rec	12/3/2012	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike, RPD	12/3/2012	Metal	Arsenic	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-HUE	matrix spike	12/3/2012	Metal	Arsenic	Total	=	52.4	µg/L	EPA 200.8	0.036	0.4			
2012/13-2	MO-HUE	matrix spike, rec	12/3/2012	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike dup	12/3/2012	Metal	Arsenic	Total	=	50.6	µg/L	EPA 200.8	0.036	0.4			
2012/13-2	MO-HUE	matrix spike dup, rec	12/3/2012	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike, RPD	12/3/2012	Metal	Arsenic	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2012/13-2	Lab	method blank	12/1/2012	Metal	Barium	Total	<	0.03	µg/L	EPA 200.8	0.03	0.5			
2012/13-2	Lab	LCS	12/1/2012	Metal	Barium	Total	=	53.5	µg/L	EPA 200.8	0.03	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	
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Barium	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2012/13-2	ME-SCR	matrix spike	12/1/2012	Metal	Barium	Total	=	97.8	µg/L	EPA 200.8	0.03	0.5			
2012/13-2	ME-SCR	matrix spike, rec	12/1/2012	Metal	Barium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike dup	12/1/2012	Metal	Barium	Total	=	98.3	µg/L	EPA 200.8	0.03	0.5			
2012/13-2	ME-SCR	matrix spike dup, rec	12/1/2012	Metal	Barium	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike, RPD	12/1/2012	Metal	Barium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2012/13-2	Lab	method blank	12/1/2012	Metal	Beryllium	Dissolved	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2012/13-2	Lab	LCS	12/1/2012	Metal	Beryllium	Dissolved	=	45.6	µg/L	EPA 200.8	0.088	0.1			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Beryllium	Dissolved	=	91	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Beryllium	Dissolved	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2012/13-2	Lab	LCS	12/3/2012	Metal	Beryllium	Dissolved	=	47.2	µg/L	EPA 200.8	0.088	0.1			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Beryllium	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/1/2012	Metal	Beryllium	Total	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2012/13-2	Lab	LCS	12/1/2012	Metal	Beryllium	Total	=	45.6	µg/L	EPA 200.8	0.088	0.1			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Beryllium	Total	=	91	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Beryllium	Total	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2012/13-2	Lab	LCS	12/3/2012	Metal	Beryllium	Total	=	47.2	µg/L	EPA 200.8	0.088	0.1			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Beryllium	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2012/13-2	ME-SCR	matrix spike	12/1/2012	Metal	Beryllium	Total	=	46.3	µg/L	EPA 200.8	0.088	0.1			
2012/13-2	ME-SCR	matrix spike, rec	12/1/2012	Metal	Beryllium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike dup	12/1/2012	Metal	Beryllium	Total	=	48.1	µg/L	EPA 200.8	0.088	0.1			
2012/13-2	ME-SCR	matrix spike dup, rec	12/1/2012	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike, RPD	12/1/2012	Metal	Beryllium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-FIL	matrix spike	12/3/2012	Metal	Beryllium	Total	=	48.2	µg/L	EPA 200.8	0.088	0.1			
2012/13-2	MO-FIL	matrix spike, rec	12/3/2012	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike dup	12/3/2012	Metal	Beryllium	Total	=	48	µg/L	EPA 200.8	0.088	0.1			
2012/13-2	MO-FIL	matrix spike dup, rec	12/3/2012	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike, RPD	12/3/2012	Metal	Beryllium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-HUE	matrix spike	12/3/2012	Metal	Beryllium	Total	=	48.6	µg/L	EPA 200.8	0.088	0.1			
2012/13-2	MO-HUE	matrix spike, rec	12/3/2012	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike dup	12/3/2012	Metal	Beryllium	Total	=	49.5	µg/L	EPA 200.8	0.088	0.1			
2012/13-2	MO-HUE	matrix spike dup, rec	12/3/2012	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike, RPD	12/3/2012	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-2	Lab	method blank	12/1/2012	Metal	Cadmium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2012/13-2	Lab	LCS	12/1/2012	Metal	Cadmium	Dissolved	=	47.6	µg/L	EPA 200.8	0.02	0.1			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Cadmium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Cadmium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2012/13-2	Lab	LCS	12/3/2012	Metal	Cadmium	Dissolved	=	49	µg/L	EPA 200.8	0.02	0.1			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/1/2012	Metal	Cadmium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2012/13-2	Lab	LCS	12/1/2012	Metal	Cadmium	Total	=	47.6	µg/L	EPA 200.8	0.02	0.1			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Cadmium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2012/13-2	Lab	LCS	12/3/2012	Metal	Cadmium	Total	=	49	µg/L	EPA 200.8	0.02	0.1			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2012/13-2	ME-SCR	matrix spike	12/1/2012	Metal	Cadmium	Total	=	44.1	µg/L	EPA 200.8	0.02	0.1			
2012/13-2	ME-SCR	matrix spike, rec	12/1/2012	Metal	Cadmium	Total	=	88	%	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	
2012/13-2	ME-SCR	matrix spike dup	12/1/2012	Metal	Cadmium	Total	=	44.4	µg/L	EPA 200.8	0.02	0.1			
2012/13-2	ME-SCR	matrix spike dup, rec	12/1/2012	Metal	Cadmium	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike, RPD	12/1/2012	Metal	Cadmium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-FIL	matrix spike	12/3/2012	Metal	Cadmium	Total	=	48.5	µg/L	EPA 200.8	0.02	0.1			
2012/13-2	MO-FIL	matrix spike, rec	12/3/2012	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike dup	12/3/2012	Metal	Cadmium	Total	=	48.7	µg/L	EPA 200.8	0.02	0.1			
2012/13-2	MO-FIL	matrix spike dup, rec	12/3/2012	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike, RPD	12/3/2012	Metal	Cadmium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-HUE	matrix spike	12/3/2012	Metal	Cadmium	Total	=	41.9	µg/L	EPA 200.8	0.02	0.1			
2012/13-2	MO-HUE	matrix spike, rec	12/3/2012	Metal	Cadmium	Total	=	84	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike dup	12/3/2012	Metal	Cadmium	Total	=	42.6	µg/L	EPA 200.8	0.02	0.1			
2012/13-2	MO-HUE	matrix spike dup, rec	12/3/2012	Metal	Cadmium	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike, RPD	12/3/2012	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-2	Lab	method blank	12/1/2012	Metal	Chromium	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2012/13-2	Lab	LCS	12/1/2012	Metal	Chromium	Dissolved	=	48.4	µg/L	EPA 200.8	0.074	0.2			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Chromium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Chromium	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2012/13-2	Lab	LCS	12/3/2012	Metal	Chromium	Dissolved	=	50	µg/L	EPA 200.8	0.074	0.2			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Chromium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/1/2012	Metal	Chromium	Total	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2012/13-2	Lab	LCS	12/1/2012	Metal	Chromium	Total	=	48.4	µg/L	EPA 200.8	0.074	0.2			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Chromium	Total	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2012/13-2	Lab	LCS	12/3/2012	Metal	Chromium	Total	=	50	µg/L	EPA 200.8	0.074	0.2			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2012/13-2	ME-SCR	matrix spike	12/1/2012	Metal	Chromium	Total	=	48.3	µg/L	EPA 200.8	0.074	0.2			
2012/13-2	ME-SCR	matrix spike, rec	12/1/2012	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike dup	12/1/2012	Metal	Chromium	Total	=	47.4	µg/L	EPA 200.8	0.074	0.2			
2012/13-2	ME-SCR	matrix spike dup, rec	12/1/2012	Metal	Chromium	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike, RPD	12/1/2012	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-FIL	matrix spike	12/3/2012	Metal	Chromium	Total	=	53	µg/L	EPA 200.8	0.074	0.2			
2012/13-2	MO-FIL	matrix spike, rec	12/3/2012	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike dup	12/3/2012	Metal	Chromium	Total	=	52.9	µg/L	EPA 200.8	0.074	0.2			
2012/13-2	MO-FIL	matrix spike dup, rec	12/3/2012	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike, RPD	12/3/2012	Metal	Chromium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-HUE	matrix spike	12/3/2012	Metal	Chromium	Total	=	48.4	µg/L	EPA 200.8	0.074	0.2			
2012/13-2	MO-HUE	matrix spike, rec	12/3/2012	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike dup	12/3/2012	Metal	Chromium	Total	=	47.1	µg/L	EPA 200.8	0.074	0.2			
2012/13-2	MO-HUE	matrix spike dup, rec	12/3/2012	Metal	Chromium	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike, RPD	12/3/2012	Metal	Chromium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2012/13-2	000NONPJ	matrix spike	12/3/2012	Metal	Chromium VI	n/a	=	6.04	µg/L	EPA 218.6	0.0059	0.3			QAX
2012/13-2	000NONPJ	matrix spike dup	12/3/2012	Metal	Chromium VI	n/a	=	6.39	µg/L	EPA 218.6	0.0059	0.3			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	12/3/2012	Metal	Chromium VI	n/a	=	107	%	EPA 218.6	-88	-88	88	112	QAX
2012/13-2	000NONPJ	matrix spike, rec	12/3/2012	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/3/2012	Metal	Chromium VI	n/a	=	6	%	EPA 218.6	-88	-88	0	10	QAX
2012/13-2	Lab	LCS	12/3/2012	Metal	Chromium VI	n/a	=	4.97	µg/L	EPA 218.6	0.0059	0.3			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Chromium VI	n/a	=	99	%	EPA 218.6	-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	
2012/13-2	Lab	method blank	12/3/2012	Metal	Chromium VI	n/a	<	0.0059	µg/L	EPA 218.6	0.0059	0.3			
2012/13-2	ME-SCR	matrix spike	12/3/2012	Metal	Chromium VI	n/a	=	5.16	µg/L	EPA 218.6	0.0059	0.3			
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Metal	Chromium VI	n/a	=	5.11	µg/L	EPA 218.6	0.0059	0.3			
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	
2012/13-2	Lab	method blank	12/1/2012	Metal	Copper	Dissolved	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2012/13-2	Lab	LCS	12/1/2012	Metal	Copper	Dissolved	=	49.9	µg/L	EPA 200.8	0.27	0.5			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Copper	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Copper	Dissolved	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2012/13-2	Lab	LCS	12/3/2012	Metal	Copper	Dissolved	=	51.4	µg/L	EPA 200.8	0.27	0.5			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Copper	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/1/2012	Metal	Copper	Total	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2012/13-2	Lab	LCS	12/1/2012	Metal	Copper	Total	=	49.9	µg/L	EPA 200.8	0.27	0.5			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Copper	Total	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2012/13-2	Lab	LCS	12/3/2012	Metal	Copper	Total	=	51.4	µg/L	EPA 200.8	0.27	0.5			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2012/13-2	ME-SCR	matrix spike	12/1/2012	Metal	Copper	Total	=	46.2	µg/L	EPA 200.8	0.27	0.5			
2012/13-2	ME-SCR	matrix spike, rec	12/1/2012	Metal	Copper	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike dup	12/1/2012	Metal	Copper	Total	=	45.2	µg/L	EPA 200.8	0.27	0.5			
2012/13-2	ME-SCR	matrix spike dup, rec	12/1/2012	Metal	Copper	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike, RPD	12/1/2012	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-FIL	matrix spike	12/3/2012	Metal	Copper	Total	=	67.3	µg/L	EPA 200.8	0.27	0.5			
2012/13-2	MO-FIL	matrix spike, rec	12/3/2012	Metal	Copper	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike dup	12/3/2012	Metal	Copper	Total	=	67.4	µg/L	EPA 200.8	0.27	0.5			
2012/13-2	MO-FIL	matrix spike dup, rec	12/3/2012	Metal	Copper	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike, RPD	12/3/2012	Metal	Copper	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-HUE	matrix spike	12/3/2012	Metal	Copper	Total	=	46	µg/L	EPA 200.8	0.27	0.5			
2012/13-2	MO-HUE	matrix spike, rec	12/3/2012	Metal	Copper	Total	=	82	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike dup	12/3/2012	Metal	Copper	Total	=	44.5	µg/L	EPA 200.8	0.27	0.5			
2012/13-2	MO-HUE	matrix spike dup, rec	12/3/2012	Metal	Copper	Total	=	79	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike, RPD	12/3/2012	Metal	Copper	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Metal	Iron	Dissolved	DNQ	1.67	µg/L	EPA 200.7	1.1	10			IP,J
2012/13-2	Lab	LCS	11/27/2012	Metal	Iron	Dissolved	=	188	µg/L	EPA 200.7	1.1	10			
2012/13-2	Lab	LCS, rec	11/27/2012	Metal	Iron	Dissolved	=	94	%	EPA 200.7	-88	-88	85	115	
2012/13-2	Lab	method blank	11/28/2012	Metal	Iron	Dissolved	DNQ	1.27	µg/L	EPA 200.7	1.1	10			IP,J
2012/13-2	Lab	LCS	11/28/2012	Metal	Iron	Dissolved	=	206	µg/L	EPA 200.7	1.1	10			
2012/13-2	Lab	LCS, rec	11/28/2012	Metal	Iron	Dissolved	=	103	%	EPA 200.7	-88	-88	85	115	
2012/13-2	Lab	method blank	11/27/2012	Metal	Iron	Total	DNQ	1.67	µg/L	EPA 200.7	1.1	10			IP,J
2012/13-2	Lab	LCS	11/27/2012	Metal	Iron	Total	=	188	µg/L	EPA 200.7	1.1	10			
2012/13-2	Lab	LCS, rec	11/27/2012	Metal	Iron	Total	=	94	%	EPA 200.7	-88	-88	85	115	
2012/13-2	Lab	method blank	11/28/2012	Metal	Iron	Total	DNQ	1.27	µg/L	EPA 200.7	1.1	10			IP,J
2012/13-2	Lab	LCS	11/28/2012	Metal	Iron	Total	=	206	µg/L	EPA 200.7	1.1	10			
2012/13-2	Lab	LCS, rec	11/28/2012	Metal	Iron	Total	=	103	%	EPA 200.7	-88	-88	85	115	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Metal	Iron	Total	=	626	µg/L	EPA 200.7	1.1	10			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Metal	Iron	Total	=	120	%	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	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Metal	Iron	Total	=	627	µg/L	EPA 200.7	1.1	10			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Metal	Iron	Total	=	121	%	EPA 200.7	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Metal	Iron	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	
2012/13-2	MO-SPA	matrix spike	11/28/2012	Metal	Iron	Total	=	10400	µg/L	EPA 200.7	1.1	10			GB
2012/13-2	MO-SPA	matrix spike, rec	11/28/2012	Metal	Iron	Total	=	158	%	EPA 200.7	-88	-88	70	130	GB
2012/13-2	MO-SPA	matrix spike dup	11/28/2012	Metal	Iron	Total	=	10500	µg/L	EPA 200.7	1.1	10			GB
2012/13-2	MO-SPA	matrix spike dup, rec	11/28/2012	Metal	Iron	Total	=	198	%	EPA 200.7	-88	-88	70	130	GB
2012/13-2	MO-SPA	matrix spike, RPD	11/28/2012	Metal	Iron	Total	=	0.8	%	EPA 200.7	-88	-88	0	30	GB
2012/13-2	MO-THO	matrix spike	11/28/2012	Metal	Iron	Total	=	8550	µg/L	EPA 200.7	1.1	10			GB
2012/13-2	MO-THO	matrix spike, rec	11/28/2012	Metal	Iron	Total	=	139	%	EPA 200.7	-88	-88	70	130	GB
2012/13-2	MO-THO	matrix spike dup	11/28/2012	Metal	Iron	Total	=	8320	µg/L	EPA 200.7	1.1	10			GB
2012/13-2	MO-THO	matrix spike dup, rec	11/28/2012	Metal	Iron	Total	=	28	%	EPA 200.7	-88	-88	70	130	GB
2012/13-2	MO-THO	matrix spike, RPD	11/28/2012	Metal	Iron	Total	=	3	%	EPA 200.7	-88	-88	0	30	GB
2012/13-2	Lab	method blank	12/1/2012	Metal	Lead	Dissolved	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2012/13-2	Lab	LCS	12/1/2012	Metal	Lead	Dissolved	=	47	µg/L	EPA 200.8	0.011	0.2			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Lead	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Lead	Dissolved	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2012/13-2	Lab	LCS	12/3/2012	Metal	Lead	Dissolved	=	47.2	µg/L	EPA 200.8	0.011	0.2			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Lead	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/1/2012	Metal	Lead	Total	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2012/13-2	Lab	LCS	12/1/2012	Metal	Lead	Total	=	47	µg/L	EPA 200.8	0.011	0.2			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Lead	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Lead	Total	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2012/13-2	Lab	LCS	12/3/2012	Metal	Lead	Total	=	47.2	µg/L	EPA 200.8	0.011	0.2			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Lead	Total	=	94	%	EPA 200.8	-88	-88	85	115	
2012/13-2	ME-SCR	matrix spike	12/1/2012	Metal	Lead	Total	=	47.6	µg/L	EPA 200.8	0.011	0.2			
2012/13-2	ME-SCR	matrix spike, rec	12/1/2012	Metal	Lead	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike dup	12/1/2012	Metal	Lead	Total	=	48.4	µg/L	EPA 200.8	0.011	0.2			
2012/13-2	ME-SCR	matrix spike dup, rec	12/1/2012	Metal	Lead	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike, RPD	12/1/2012	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-FIL	matrix spike	12/3/2012	Metal	Lead	Total	=	51.6	µg/L	EPA 200.8	0.011	0.2			
2012/13-2	MO-FIL	matrix spike, rec	12/3/2012	Metal	Lead	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike dup	12/3/2012	Metal	Lead	Total	=	51.5	µg/L	EPA 200.8	0.011	0.2			
2012/13-2	MO-FIL	matrix spike dup, rec	12/3/2012	Metal	Lead	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike, RPD	12/3/2012	Metal	Lead	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-HUE	matrix spike	12/3/2012	Metal	Lead	Total	=	53.9	µg/L	EPA 200.8	0.011	0.2			
2012/13-2	MO-HUE	matrix spike, rec	12/3/2012	Metal	Lead	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike dup	12/3/2012	Metal	Lead	Total	=	54.7	µg/L	EPA 200.8	0.011	0.2			
2012/13-2	MO-HUE	matrix spike dup, rec	12/3/2012	Metal	Lead	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike, RPD	12/3/2012	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-2	000NONPJ	matrix spike	12/4/2012	Metal	Mercury	Dissolved	=	1120	ng/L	EPA 245.1	3.9	50			QAX
2012/13-2	000NONPJ	matrix spike dup	12/4/2012	Metal	Mercury	Dissolved	=	1120	ng/L	EPA 245.1	3.9	50			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	12/4/2012	Metal	Mercury	Dissolved	=	112	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike, rec	12/4/2012	Metal	Mercury	Dissolved	=	112	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/4/2012	Metal	Mercury	Dissolved	=	0	%	EPA 245.1	-88	-88	0	20	QAX
2012/13-2	000NONPJ	matrix spike	12/5/2012	Metal	Mercury	Dissolved	=	878	ng/L	EPA 245.1	3.9	50			QAX
2012/13-2	000NONPJ	matrix spike	12/5/2012	Metal	Mercury	Dissolved	=	941	ng/L	EPA 245.1	3.9	50			QAX

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	000NONPJ	matrix spike dup	12/5/2012	Metal	Mercury	Dissolved	=	940	ng/L	EPA 245.1	3.9	50			QAX
2012/13-2	000NONPJ	matrix spike dup	12/5/2012	Metal	Mercury	Dissolved	=	888	ng/L	EPA 245.1	3.9	50			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	12/5/2012	Metal	Mercury	Dissolved	=	93	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike dup, rec	12/5/2012	Metal	Mercury	Dissolved	=	87	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike, rec	12/5/2012	Metal	Mercury	Dissolved	=	93	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike, rec	12/5/2012	Metal	Mercury	Dissolved	=	86	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/5/2012	Metal	Mercury	Dissolved	=	0.1	%	EPA 245.1	-88	-88	0	20	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/5/2012	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	QAX
2012/13-2	000NONPJ	matrix spike	12/11/2012	Metal	Mercury	Dissolved	=	1230	ng/L	EPA 245.1	3.9	50			QAX
2012/13-2	000NONPJ	matrix spike dup	12/11/2012	Metal	Mercury	Dissolved	=	1220	ng/L	EPA 245.1	3.9	50			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	12/11/2012	Metal	Mercury	Dissolved	=	120	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike, rec	12/11/2012	Metal	Mercury	Dissolved	=	122	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/11/2012	Metal	Mercury	Dissolved	=	0.8	%	EPA 245.1	-88	-88	0	20	QAX
2012/13-2	000NONPJ	matrix spike	12/14/2012	Metal	Mercury	Dissolved	=	1030	ng/L	EPA 245.1	3.9	50			QAX
2012/13-2	000NONPJ	matrix spike	12/14/2012	Metal	Mercury	Dissolved	=	1200	ng/L	EPA 245.1	3.9	50			QAX
2012/13-2	000NONPJ	matrix spike dup	12/14/2012	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	3.9	50			QAX
2012/13-2	000NONPJ	matrix spike dup	12/14/2012	Metal	Mercury	Dissolved	=	1170	ng/L	EPA 245.1	3.9	50			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	12/14/2012	Metal	Mercury	Dissolved	=	102	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike dup, rec	12/14/2012	Metal	Mercury	Dissolved	=	111	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike, rec	12/14/2012	Metal	Mercury	Dissolved	=	114	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike, rec	12/14/2012	Metal	Mercury	Dissolved	=	101	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/14/2012	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/14/2012	Metal	Mercury	Dissolved	=	3	%	EPA 245.1	-88	-88	0	20	QAX
2012/13-2	Lab	LCS	12/4/2012	Metal	Mercury	Dissolved	=	1050	ng/L	EPA 245.1	3.9	50			
2012/13-2	Lab	LCS, rec	12/4/2012	Metal	Mercury	Dissolved	=	105	%	EPA 245.1	-88	-88	85	115	
2012/13-2	Lab	method blank	12/4/2012	Metal	Mercury	Dissolved	<	3.9	ng/L	EPA 245.1	3.9	50			
2012/13-2	Lab	LCS	12/5/2012	Metal	Mercury	Dissolved	=	1020	ng/L	EPA 245.1	3.9	50			
2012/13-2	Lab	LCS, rec	12/5/2012	Metal	Mercury	Dissolved	=	102	%	EPA 245.1	-88	-88	85	115	
2012/13-2	Lab	method blank	12/5/2012	Metal	Mercury	Dissolved	DNQ	6	ng/L	EPA 245.1	3.9	50			IP,J
2012/13-2	Lab	LCS	12/11/2012	Metal	Mercury	Dissolved	=	970	ng/L	EPA 245.1	3.9	50			
2012/13-2	Lab	LCS, rec	12/11/2012	Metal	Mercury	Dissolved	=	97	%	EPA 245.1	-88	-88	85	115	
2012/13-2	Lab	method blank	12/11/2012	Metal	Mercury	Dissolved	DNQ	15	ng/L	EPA 245.1	3.9	50			IP,J
2012/13-2	Lab	LCS	12/14/2012	Metal	Mercury	Dissolved	=	1060	ng/L	EPA 245.1	3.9	50			
2012/13-2	Lab	LCS, rec	12/14/2012	Metal	Mercury	Dissolved	=	106	%	EPA 245.1	-88	-88	85	115	
2012/13-2	Lab	method blank	12/14/2012	Metal	Mercury	Dissolved	DNQ	18	ng/L	EPA 245.1	3.9	50			IP,J
2012/13-2	ME-SCR	matrix spike	12/11/2012	Metal	Mercury	Dissolved	=	1120	ng/L	EPA 245.1	3.9	50			
2012/13-2	ME-SCR	matrix spike dup	12/11/2012	Metal	Mercury	Dissolved	=	1260	ng/L	EPA 245.1	3.9	50			
2012/13-2	ME-SCR	matrix spike dup, rec	12/11/2012	Metal	Mercury	Dissolved	=	123	%	EPA 245.1	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike, rec	12/11/2012	Metal	Mercury	Dissolved	=	109	%	EPA 245.1	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike, RPD	12/11/2012	Metal	Mercury	Dissolved	=	12	%	EPA 245.1	-88	-88	0	20	
2012/13-2	ME-VR2	matrix spike	12/4/2012	Metal	Mercury	Dissolved	=	1210	ng/L	EPA 245.1	3.9	50			
2012/13-2	ME-VR2	matrix spike dup	12/4/2012	Metal	Mercury	Dissolved	=	1210	ng/L	EPA 245.1	3.9	50			
2012/13-2	ME-VR2	matrix spike dup, rec	12/4/2012	Metal	Mercury	Dissolved	=	121	%	EPA 245.1	-88	-88	70	130	
2012/13-2	ME-VR2	matrix spike, rec	12/4/2012	Metal	Mercury	Dissolved	=	121	%	EPA 245.1	-88	-88	70	130	
2012/13-2	ME-VR2	matrix spike, RPD	12/4/2012	Metal	Mercury	Dissolved	=	0	%	EPA 245.1	-88	-88	0	20	
2012/13-2	000NONPJ	matrix spike	12/4/2012	Metal	Mercury	Total	=	1120	ng/L	EPA 245.1	3.9	50			QAX
2012/13-2	000NONPJ	matrix spike dup	12/4/2012	Metal	Mercury	Total	=	1120	ng/L	EPA 245.1	3.9	50			QAX

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	000NONPJ	matrix spike dup, rec	12/4/2012	Metal	Mercury	Total	=	112	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike, rec	12/4/2012	Metal	Mercury	Total	=	112	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/4/2012	Metal	Mercury	Total	=	0	%	EPA 245.1	-88	-88	0	20	QAX
2012/13-2	000NONPJ	matrix spike	12/5/2012	Metal	Mercury	Total	=	941	ng/L	EPA 245.1	3.9	50			QAX
2012/13-2	000NONPJ	matrix spike	12/5/2012	Metal	Mercury	Total	=	878	ng/L	EPA 245.1	3.9	50			QAX
2012/13-2	000NONPJ	matrix spike dup	12/5/2012	Metal	Mercury	Total	=	888	ng/L	EPA 245.1	3.9	50			QAX
2012/13-2	000NONPJ	matrix spike dup	12/5/2012	Metal	Mercury	Total	=	940	ng/L	EPA 245.1	3.9	50			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	12/5/2012	Metal	Mercury	Total	=	88	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike dup, rec	12/5/2012	Metal	Mercury	Total	=	82	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike, rec	12/5/2012	Metal	Mercury	Total	=	88	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike, rec	12/5/2012	Metal	Mercury	Total	=	81	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/5/2012	Metal	Mercury	Total	=	0.1	%	EPA 245.1	-88	-88	0	20	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/5/2012	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	QAX
2012/13-2	000NONPJ	matrix spike	12/11/2012	Metal	Mercury	Total	=	1230	ng/L	EPA 245.1	3.9	50			QAX
2012/13-2	000NONPJ	matrix spike dup	12/11/2012	Metal	Mercury	Total	=	1220	ng/L	EPA 245.1	3.9	50			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	12/11/2012	Metal	Mercury	Total	=	120	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike, rec	12/11/2012	Metal	Mercury	Total	=	122	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/11/2012	Metal	Mercury	Total	=	0.8	%	EPA 245.1	-88	-88	0	20	QAX
2012/13-2	000NONPJ	matrix spike	12/14/2012	Metal	Mercury	Total	=	1030	ng/L	EPA 245.1	3.9	50			QAX
2012/13-2	000NONPJ	matrix spike	12/14/2012	Metal	Mercury	Total	=	1200	ng/L	EPA 245.1	3.9	50			QAX
2012/13-2	000NONPJ	matrix spike dup	12/14/2012	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	3.9	50			QAX
2012/13-2	000NONPJ	matrix spike dup	12/14/2012	Metal	Mercury	Total	=	1170	ng/L	EPA 245.1	3.9	50			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	12/14/2012	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike dup, rec	12/14/2012	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike, rec	12/14/2012	Metal	Mercury	Total	=	107	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike, rec	12/14/2012	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/14/2012	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/14/2012	Metal	Mercury	Total	=	3	%	EPA 245.1	-88	-88	0	20	QAX
2012/13-2	Lab	LCS	12/4/2012	Metal	Mercury	Total	=	1050	ng/L	EPA 245.1	3.9	50			
2012/13-2	Lab	LCS, rec	12/4/2012	Metal	Mercury	Total	=	105	%	EPA 245.1	-88	-88	85	115	
2012/13-2	Lab	method blank	12/4/2012	Metal	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50			
2012/13-2	Lab	LCS	12/5/2012	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	3.9	50			
2012/13-2	Lab	LCS, rec	12/5/2012	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	85	115	
2012/13-2	Lab	method blank	12/5/2012	Metal	Mercury	Total	DNQ	6	ng/L	EPA 245.1	3.9	50			IP,J
2012/13-2	Lab	LCS	12/11/2012	Metal	Mercury	Total	=	970	ng/L	EPA 245.1	3.9	50			
2012/13-2	Lab	LCS, rec	12/11/2012	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	85	115	
2012/13-2	Lab	method blank	12/11/2012	Metal	Mercury	Total	DNQ	15	ng/L	EPA 245.1	3.9	50			IP,J
2012/13-2	Lab	LCS	12/14/2012	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	3.9	50			
2012/13-2	Lab	LCS, rec	12/14/2012	Metal	Mercury	Total	=	106	%	EPA 245.1	-88	-88	85	115	
2012/13-2	Lab	method blank	12/14/2012	Metal	Mercury	Total	DNQ	18	ng/L	EPA 245.1	3.9	50			IP,J
2012/13-2	ME-SCR	matrix spike	12/11/2012	Metal	Mercury	Total	=	1120	ng/L	EPA 245.1	3.9	50			
2012/13-2	ME-SCR	matrix spike dup	12/11/2012	Metal	Mercury	Total	=	1260	ng/L	EPA 245.1	3.9	50			
2012/13-2	ME-SCR	matrix spike dup, rec	12/11/2012	Metal	Mercury	Total	=	124	%	EPA 245.1	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike, rec	12/11/2012	Metal	Mercury	Total	=	110	%	EPA 245.1	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike, RPD	12/11/2012	Metal	Mercury	Total	=	12	%	EPA 245.1	-88	-88	0	20	
2012/13-2	ME-VR2	matrix spike	12/4/2012	Metal	Mercury	Total	=	1210	ng/L	EPA 245.1	3.9	50			
2012/13-2	ME-VR2	matrix spike dup	12/4/2012	Metal	Mercury	Total	=	1210	ng/L	EPA 245.1	3.9	50			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	ME-VR2	matrix spike dup, rec	12/4/2012	Metal	Mercury	Total	=	121	%	EPA 245.1	-88	-88	70	130	
2012/13-2	ME-VR2	matrix spike, rec	12/4/2012	Metal	Mercury	Total	=	121	%	EPA 245.1	-88	-88	70	130	
2012/13-2	ME-VR2	matrix spike, RPD	12/4/2012	Metal	Mercury	Total	=	0	%	EPA 245.1	-88	-88	0	20	
2012/13-2	Lab	method blank	12/1/2012	Metal	Nickel	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2012/13-2	Lab	LCS	12/1/2012	Metal	Nickel	Dissolved	=	49.2	µg/L	EPA 200.8	0.13	0.8			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Nickel	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Nickel	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2012/13-2	Lab	LCS	12/3/2012	Metal	Nickel	Dissolved	=	50.8	µg/L	EPA 200.8	0.13	0.8			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Nickel	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/1/2012	Metal	Nickel	Total	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2012/13-2	Lab	LCS	12/1/2012	Metal	Nickel	Total	=	49.2	µg/L	EPA 200.8	0.13	0.8			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Nickel	Total	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2012/13-2	Lab	LCS	12/3/2012	Metal	Nickel	Total	=	50.8	µg/L	EPA 200.8	0.13	0.8			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Nickel	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2012/13-2	ME-SCR	matrix spike	12/1/2012	Metal	Nickel	Total	=	46.9	µg/L	EPA 200.8	0.13	0.8			
2012/13-2	ME-SCR	matrix spike, rec	12/1/2012	Metal	Nickel	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike dup	12/1/2012	Metal	Nickel	Total	=	46	µg/L	EPA 200.8	0.13	0.8			
2012/13-2	ME-SCR	matrix spike dup, rec	12/1/2012	Metal	Nickel	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike, RPD	12/1/2012	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-FIL	matrix spike	12/3/2012	Metal	Nickel	Total	=	53.5	µg/L	EPA 200.8	0.13	0.8			
2012/13-2	MO-FIL	matrix spike, rec	12/3/2012	Metal	Nickel	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike dup	12/3/2012	Metal	Nickel	Total	=	53.7	µg/L	EPA 200.8	0.13	0.8			
2012/13-2	MO-FIL	matrix spike dup, rec	12/3/2012	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike, RPD	12/3/2012	Metal	Nickel	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-HUE	matrix spike	12/3/2012	Metal	Nickel	Total	=	46.4	µg/L	EPA 200.8	0.13	0.8			
2012/13-2	MO-HUE	matrix spike, rec	12/3/2012	Metal	Nickel	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike dup	12/3/2012	Metal	Nickel	Total	=	44.7	µg/L	EPA 200.8	0.13	0.8			
2012/13-2	MO-HUE	matrix spike dup, rec	12/3/2012	Metal	Nickel	Total	=	81	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike, RPD	12/3/2012	Metal	Nickel	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2012/13-2	Lab	method blank	12/1/2012	Metal	Selenium	Dissolved	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2012/13-2	Lab	LCS	12/1/2012	Metal	Selenium	Dissolved	=	48	µg/L	EPA 200.8	0.28	0.4			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Selenium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Selenium	Dissolved	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2012/13-2	Lab	LCS	12/3/2012	Metal	Selenium	Dissolved	=	50.1	µg/L	EPA 200.8	0.28	0.4			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Selenium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/1/2012	Metal	Selenium	Total	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2012/13-2	Lab	LCS	12/1/2012	Metal	Selenium	Total	=	48	µg/L	EPA 200.8	0.28	0.4			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Selenium	Total	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2012/13-2	Lab	LCS	12/3/2012	Metal	Selenium	Total	=	50.1	µg/L	EPA 200.8	0.28	0.4			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2012/13-2	ME-SCR	matrix spike	12/1/2012	Metal	Selenium	Total	=	50.9	µg/L	EPA 200.8	0.28	0.4			
2012/13-2	ME-SCR	matrix spike, rec	12/1/2012	Metal	Selenium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike dup	12/1/2012	Metal	Selenium	Total	=	51	µg/L	EPA 200.8	0.28	0.4			
2012/13-2	ME-SCR	matrix spike dup, rec	12/1/2012	Metal	Selenium	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike, RPD	12/1/2012	Metal	Selenium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	MO-FIL	matrix spike	12/3/2012	Metal	Selenium	Total	=	48.4	µg/L	EPA 200.8	0.28	0.4			
2012/13-2	MO-FIL	matrix spike, rec	12/3/2012	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike dup	12/3/2012	Metal	Selenium	Total	=	48.6	µg/L	EPA 200.8	0.28	0.4			
2012/13-2	MO-FIL	matrix spike dup, rec	12/3/2012	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike, RPD	12/3/2012	Metal	Selenium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-HUE	matrix spike	12/3/2012	Metal	Selenium	Total	=	44.2	µg/L	EPA 200.8	0.28	0.4			
2012/13-2	MO-HUE	matrix spike, rec	12/3/2012	Metal	Selenium	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike dup	12/3/2012	Metal	Selenium	Total	=	44.2	µg/L	EPA 200.8	0.28	0.4			
2012/13-2	MO-HUE	matrix spike dup, rec	12/3/2012	Metal	Selenium	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike, RPD	12/3/2012	Metal	Selenium	Total	=	0	%	EPA 200.8	-88	-88	0	30	
2012/13-2	Lab	method blank	12/1/2012	Metal	Silver	Dissolved	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2012/13-2	Lab	LCS	12/1/2012	Metal	Silver	Dissolved	=	46.7	µg/L	EPA 200.8	0.027	0.2			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Silver	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Silver	Dissolved	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2012/13-2	Lab	LCS	12/3/2012	Metal	Silver	Dissolved	=	48.2	µg/L	EPA 200.8	0.027	0.2			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Silver	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/1/2012	Metal	Silver	Total	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2012/13-2	Lab	LCS	12/1/2012	Metal	Silver	Total	=	46.7	µg/L	EPA 200.8	0.027	0.2			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Silver	Total	=	93	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Silver	Total	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2012/13-2	Lab	LCS	12/3/2012	Metal	Silver	Total	=	48.2	µg/L	EPA 200.8	0.027	0.2			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2012/13-2	ME-SCR	matrix spike	12/1/2012	Metal	Silver	Total	=	42.4	µg/L	EPA 200.8	0.027	0.2			
2012/13-2	ME-SCR	matrix spike, rec	12/1/2012	Metal	Silver	Total	=	85	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike dup	12/1/2012	Metal	Silver	Total	=	42.8	µg/L	EPA 200.8	0.027	0.2			
2012/13-2	ME-SCR	matrix spike dup, rec	12/1/2012	Metal	Silver	Total	=	86	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike, RPD	12/1/2012	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-FIL	matrix spike	12/3/2012	Metal	Silver	Total	=	47	µg/L	EPA 200.8	0.027	0.2			
2012/13-2	MO-FIL	matrix spike, rec	12/3/2012	Metal	Silver	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike dup	12/3/2012	Metal	Silver	Total	=	47	µg/L	EPA 200.8	0.027	0.2			
2012/13-2	MO-FIL	matrix spike dup, rec	12/3/2012	Metal	Silver	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike, RPD	12/3/2012	Metal	Silver	Total	=	0.06	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-HUE	matrix spike	12/3/2012	Metal	Silver	Total	=	41.4	µg/L	EPA 200.8	0.027	0.2			
2012/13-2	MO-HUE	matrix spike, rec	12/3/2012	Metal	Silver	Total	=	83	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike dup	12/3/2012	Metal	Silver	Total	=	41.9	µg/L	EPA 200.8	0.027	0.2			
2012/13-2	MO-HUE	matrix spike dup, rec	12/3/2012	Metal	Silver	Total	=	84	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike, RPD	12/3/2012	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-2	Lab	method blank	12/1/2012	Metal	Thallium	Dissolved	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2012/13-2	Lab	LCS	12/1/2012	Metal	Thallium	Dissolved	=	48	µg/L	EPA 200.8	0.009	0.2			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Thallium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Thallium	Dissolved	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2012/13-2	Lab	LCS	12/3/2012	Metal	Thallium	Dissolved	=	48.4	µg/L	EPA 200.8	0.009	0.2			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Thallium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/1/2012	Metal	Thallium	Total	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2012/13-2	Lab	LCS	12/1/2012	Metal	Thallium	Total	=	48	µg/L	EPA 200.8	0.009	0.2			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Thallium	Total	=	96	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Thallium	Total	<	0.009	µg/L	EPA 200.8	0.009	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	
2012/13-2	Lab	LCS	12/3/2012	Metal	Thallium	Total	=	48.4	µg/L	EPA 200.8	0.009	0.2			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2012/13-2	ME-SCR	matrix spike	12/1/2012	Metal	Thallium	Total	=	49.6	µg/L	EPA 200.8	0.009	0.2			
2012/13-2	ME-SCR	matrix spike, rec	12/1/2012	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike dup	12/1/2012	Metal	Thallium	Total	=	50.2	µg/L	EPA 200.8	0.009	0.2			
2012/13-2	ME-SCR	matrix spike dup, rec	12/1/2012	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike, RPD	12/1/2012	Metal	Thallium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-FIL	matrix spike	12/3/2012	Metal	Thallium	Total	=	50.3	µg/L	EPA 200.8	0.009	0.2			
2012/13-2	MO-FIL	matrix spike, rec	12/3/2012	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike dup	12/3/2012	Metal	Thallium	Total	=	50.1	µg/L	EPA 200.8	0.009	0.2			
2012/13-2	MO-FIL	matrix spike dup, rec	12/3/2012	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike, RPD	12/3/2012	Metal	Thallium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-HUE	matrix spike	12/3/2012	Metal	Thallium	Total	=	52.1	µg/L	EPA 200.8	0.009	0.2			
2012/13-2	MO-HUE	matrix spike, rec	12/3/2012	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike dup	12/3/2012	Metal	Thallium	Total	=	53	µg/L	EPA 200.8	0.009	0.2			
2012/13-2	MO-HUE	matrix spike dup, rec	12/3/2012	Metal	Thallium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike, RPD	12/3/2012	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-2	Lab	method blank	12/1/2012	Metal	Zinc	Dissolved	<	1.1	µg/L	EPA 200.8	1.1	5			
2012/13-2	Lab	LCS	12/1/2012	Metal	Zinc	Dissolved	=	50	µg/L	EPA 200.8	1.1	5			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Zinc	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Zinc	Dissolved	<	1.1	µg/L	EPA 200.8	1.1	5			
2012/13-2	Lab	LCS	12/3/2012	Metal	Zinc	Dissolved	=	51.6	µg/L	EPA 200.8	1.1	5			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Zinc	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/1/2012	Metal	Zinc	Total	<	1.1	µg/L	EPA 200.8	1.1	5			
2012/13-2	Lab	LCS	12/1/2012	Metal	Zinc	Total	=	50	µg/L	EPA 200.8	1.1	5			
2012/13-2	Lab	LCS, rec	12/1/2012	Metal	Zinc	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2012/13-2	Lab	method blank	12/3/2012	Metal	Zinc	Total	<	1.1	µg/L	EPA 200.8	1.1	5			
2012/13-2	Lab	LCS	12/3/2012	Metal	Zinc	Total	=	51.6	µg/L	EPA 200.8	1.1	5			
2012/13-2	Lab	LCS, rec	12/3/2012	Metal	Zinc	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2012/13-2	ME-SCR	matrix spike	12/1/2012	Metal	Zinc	Total	=	50.1	µg/L	EPA 200.8	1.1	5			
2012/13-2	ME-SCR	matrix spike, rec	12/1/2012	Metal	Zinc	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike dup	12/1/2012	Metal	Zinc	Total	=	48	µg/L	EPA 200.8	1.1	5			
2012/13-2	ME-SCR	matrix spike dup, rec	12/1/2012	Metal	Zinc	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2012/13-2	ME-SCR	matrix spike, RPD	12/1/2012	Metal	Zinc	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-FIL	matrix spike	12/3/2012	Metal	Zinc	Total	=	145	µg/L	EPA 200.8	1.1	5			
2012/13-2	MO-FIL	matrix spike, rec	12/3/2012	Metal	Zinc	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike dup	12/3/2012	Metal	Zinc	Total	=	145	µg/L	EPA 200.8	1.1	5			
2012/13-2	MO-FIL	matrix spike dup, rec	12/3/2012	Metal	Zinc	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-FIL	matrix spike, RPD	12/3/2012	Metal	Zinc	Total	=	0	%	EPA 200.8	-88	-88	0	30	
2012/13-2	MO-HUE	matrix spike	12/3/2012	Metal	Zinc	Total	=	77.3	µg/L	EPA 200.8	1.1	5			
2012/13-2	MO-HUE	matrix spike, rec	12/3/2012	Metal	Zinc	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike dup	12/3/2012	Metal	Zinc	Total	=	75.1	µg/L	EPA 200.8	1.1	5			
2012/13-2	MO-HUE	matrix spike dup, rec	12/3/2012	Metal	Zinc	Total	=	83	%	EPA 200.8	-88	-88	70	130	
2012/13-2	MO-HUE	matrix spike, RPD	12/3/2012	Metal	Zinc	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2012/13-2	000NONPJ	matrix spike	12/5/2012	Nutrient	Ammonia as N	n/a	=	0.989	mg/L	EPA 350.1	0.048	0.1			QAX
2012/13-2	000NONPJ	matrix spike, rec	12/5/2012	Nutrient	Ammonia as N	n/a	=	93	%	EPA 350.1	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike dup	12/5/2012	Nutrient	Ammonia as N	n/a	=	1.05	mg/L	EPA 350.1	0.048	0.1			QAX

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	000NONPJ	matrix spike dup, rec	12/5/2012	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/5/2012	Nutrient	Ammonia as N	n/a	=	6	%	EPA 350.1	-88	-88	0	15	QAX
2012/13-2	000NONPJ	matrix spike	12/6/2012	Nutrient	Ammonia as N	n/a	=	1.04	mg/L	EPA 350.1	0.048	0.1			QAX
2012/13-2	000NONPJ	matrix spike, rec	12/6/2012	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike dup	12/6/2012	Nutrient	Ammonia as N	n/a	=	1.09	mg/L	EPA 350.1	0.048	0.1			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	12/6/2012	Nutrient	Ammonia as N	n/a	=	109	%	EPA 350.1	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/6/2012	Nutrient	Ammonia as N	n/a	=	5	%	EPA 350.1	-88	-88	0	15	QAX
2012/13-2	000NONPJ	matrix spike	12/6/2012	Nutrient	Ammonia as N	n/a	=	1.08	mg/L	EPA 350.1	0.048	0.1			QAX
2012/13-2	000NONPJ	matrix spike, rec	12/6/2012	Nutrient	Ammonia as N	n/a	=	108	%	EPA 350.1	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike dup	12/6/2012	Nutrient	Ammonia as N	n/a	=	1.08	mg/L	EPA 350.1	0.048	0.1			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	12/6/2012	Nutrient	Ammonia as N	n/a	=	108	%	EPA 350.1	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/6/2012	Nutrient	Ammonia as N	n/a	=	0	%	EPA 350.1	-88	-88	0	15	QAX
2012/13-2	Lab	method blank	12/5/2012	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2012/13-2	Lab	LCS	12/5/2012	Nutrient	Ammonia as N	n/a	=	0.997	mg/L	EPA 350.1	0.048	0.1			
2012/13-2	Lab	LCS, rec	12/5/2012	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2012/13-2	Lab	method blank	12/6/2012	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2012/13-2	Lab	LCS	12/6/2012	Nutrient	Ammonia as N	n/a	=	1.08	mg/L	EPA 350.1	0.048	0.1			
2012/13-2	Lab	LCS, rec	12/6/2012	Nutrient	Ammonia as N	n/a	=	108	%	EPA 350.1	-88	-88	90	110	
2012/13-2	ME-SCR	matrix spike	12/5/2012	Nutrient	Ammonia as N	n/a	=	1.04	mg/L	EPA 350.1	0.048	0.1			
2012/13-2	ME-SCR	matrix spike, rec	12/5/2012	Nutrient	Ammonia as N	n/a	=	91	%	EPA 350.1	-88	-88	90	110	
2012/13-2	ME-SCR	matrix spike dup	12/5/2012	Nutrient	Ammonia as N	n/a	=	1.04	mg/L	EPA 350.1	0.048	0.1			
2012/13-2	ME-SCR	matrix spike dup, rec	12/5/2012	Nutrient	Ammonia as N	n/a	=	91	%	EPA 350.1	-88	-88	90	110	
2012/13-2	ME-SCR	matrix spike, RPD	12/5/2012	Nutrient	Ammonia as N	n/a	=	0	%	EPA 350.1	-88	-88	0	15	
2012/13-2	000NONPJ	matrix spike	11/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	11.2	mg/L	EPA 353.2	0.01	0.1			QAX,GB
2012/13-2	000NONPJ	matrix spike, rec	11/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	128	%	EPA 353.2	-88	-88	90	110	QAX,GB
2012/13-2	000NONPJ	matrix spike dup	11/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	11.3	mg/L	EPA 353.2	0.01	0.1			QAX,GB
2012/13-2	000NONPJ	matrix spike dup, rec	11/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	135	%	EPA 353.2	-88	-88	90	110	QAX,GB
2012/13-2	000NONPJ	matrix spike, RPD	11/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	QAX,GB
2012/13-2	Lab	LCS	11/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	1.04	mg/L	EPA 353.2	0.01	0.1			
2012/13-2	Lab	LCS, rec	11/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2012/13-2	Lab	method blank	11/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	DNQ	0.037	mg/L	EPA 353.2	0.01	0.1			IP,J
2012/13-2	ME-SCR	matrix spike	11/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	3.98	mg/L	EPA 353.2	0.01	0.1			
2012/13-2	ME-SCR	matrix spike, rec	11/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	109	%	EPA 353.2	-88	-88	90	110	
2012/13-2	ME-SCR	matrix spike dup	11/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	3.9	mg/L	EPA 353.2	0.01	0.1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2012/13-2	ME-SCR	matrix spike, RPD	11/19/2012	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2012/13-2	000NONPJ	matrix spike	11/19/2012	Nutrient	Nitrate as N	n/a	=	11.2	mg/L	EPA 353.2	0.041	0.1			QAX,GB
2012/13-2	000NONPJ	matrix spike, rec	11/19/2012	Nutrient	Nitrate as N	n/a	=	128	%	EPA 353.2	-88	-88	90	110	QAX,GB
2012/13-2	000NONPJ	matrix spike dup	11/19/2012	Nutrient	Nitrate as N	n/a	=	11.3	mg/L	EPA 353.2	0.041	0.1			QAX,GB
2012/13-2	000NONPJ	matrix spike dup, rec	11/19/2012	Nutrient	Nitrate as N	n/a	=	135	%	EPA 353.2	-88	-88	90	110	QAX,GB
2012/13-2	000NONPJ	matrix spike, RPD	11/19/2012	Nutrient	Nitrate as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	QAX,GB
2012/13-2	Lab	LCS	11/19/2012	Nutrient	Nitrate as N	n/a	=	1.04	mg/L	EPA 353.2	0.041	0.1			
2012/13-2	Lab	LCS, rec	11/19/2012	Nutrient	Nitrate as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	
2012/13-2	Lab	method blank	11/19/2012	Nutrient	Nitrate as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2012/13-2	Lab	method blank	12/14/2012	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2012/13-2	Lab	LCS	12/14/2012	Nutrient	Phosphorus as P	Dissolved	=	0.049	mg/L	EPA 365.1	0.0014	0.01			
2012/13-2	Lab	LCS, rec	12/14/2012	Nutrient	Phosphorus as P	Dissolved	=	98	%	EPA 365.1	-88	-88	90	110	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	ME-SCR	matrix spike	12/14/2012	Nutrient	Phosphorus as P	Dissolved	=	0.111	mg/L	EPA 365.1	0.0014	0.01			
2012/13-2	ME-SCR	matrix spike, rec	12/14/2012	Nutrient	Phosphorus as P	Dissolved	=	108	%	EPA 365.1	-88	-88	90	110	
2012/13-2	ME-SCR	matrix spike dup	12/14/2012	Nutrient	Phosphorus as P	Dissolved	=	0.111	mg/L	EPA 365.1	0.0014	0.01			
2012/13-2	ME-SCR	matrix spike dup, rec	12/14/2012	Nutrient	Phosphorus as P	Dissolved	=	108	%	EPA 365.1	-88	-88	90	110	
2012/13-2	ME-SCR	matrix spike, RPD	12/14/2012	Nutrient	Phosphorus as P	Dissolved	=	0	%	EPA 365.1	-88	-88	0	10	
2012/13-2	ME-VR2	matrix spike	12/14/2012	Nutrient	Phosphorus as P	Dissolved	=	0.127	mg/L	EPA 365.1	0.0014	0.01			
2012/13-2	ME-VR2	matrix spike, rec	12/14/2012	Nutrient	Phosphorus as P	Dissolved	=	102	%	EPA 365.1	-88	-88	90	110	
2012/13-2	ME-VR2	matrix spike dup	12/14/2012	Nutrient	Phosphorus as P	Dissolved	=	0.128	mg/L	EPA 365.1	0.0014	0.01			
2012/13-2	ME-VR2	matrix spike dup, rec	12/14/2012	Nutrient	Phosphorus as P	Dissolved	=	104	%	EPA 365.1	-88	-88	90	110	
2012/13-2	ME-VR2	matrix spike, RPD	12/14/2012	Nutrient	Phosphorus as P	Dissolved	=	0.8	%	EPA 365.1	-88	-88	0	10	
2012/13-2	000NONPJ	matrix spike	12/14/2012	Nutrient	Phosphorus as P	Total	=	0.0713	mg/L	EPA 365.1	0.0014	0.01			QAX
2012/13-2	000NONPJ	matrix spike, rec	12/14/2012	Nutrient	Phosphorus as P	Total	=	102	%	EPA 365.1	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike dup	12/14/2012	Nutrient	Phosphorus as P	Total	=	0.0705	mg/L	EPA 365.1	0.0014	0.01			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	12/14/2012	Nutrient	Phosphorus as P	Total	=	100	%	EPA 365.1	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/14/2012	Nutrient	Phosphorus as P	Total	=	1	%	EPA 365.1	-88	-88	0	10	QAX
2012/13-2	000NONPJ	matrix spike	12/14/2012	Nutrient	Phosphorus as P	Total	=	0.0609	mg/L	EPA 365.1	0.0014	0.01			QAX
2012/13-2	000NONPJ	matrix spike, rec	12/14/2012	Nutrient	Phosphorus as P	Total	=	99	%	EPA 365.1	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike dup	12/14/2012	Nutrient	Phosphorus as P	Total	=	0.0613	mg/L	EPA 365.1	0.0014	0.01			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	12/14/2012	Nutrient	Phosphorus as P	Total	=	99	%	EPA 365.1	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/14/2012	Nutrient	Phosphorus as P	Total	=	0.7	%	EPA 365.1	-88	-88	0	10	QAX
2012/13-2	Lab	method blank	12/3/2012	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2012/13-2	Lab	LCS	12/3/2012	Nutrient	Phosphorus as P	Total	=	0.0494	mg/L	EPA 365.1	0.0014	0.01			
2012/13-2	Lab	LCS, rec	12/3/2012	Nutrient	Phosphorus as P	Total	=	99	%	EPA 365.1	-88	-88	90	110	
2012/13-2	Lab	method blank	12/14/2012	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2012/13-2	Lab	LCS	12/14/2012	Nutrient	Phosphorus as P	Total	=	0.0496	mg/L	EPA 365.1	0.0014	0.01			
2012/13-2	Lab	LCS, rec	12/14/2012	Nutrient	Phosphorus as P	Total	=	99	%	EPA 365.1	-88	-88	90	110	
2012/13-2	ME-SCR	matrix spike	12/3/2012	Nutrient	Phosphorus as P	Total	=	0.111	mg/L	EPA 365.1	0.0014	0.01			
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Nutrient	Phosphorus as P	Total	=	95	%	EPA 365.1	-88	-88	90	110	
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Nutrient	Phosphorus as P	Total	=	0.109	mg/L	EPA 365.1	0.0014	0.01			
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Nutrient	Phosphorus as P	Total	=	91	%	EPA 365.1	-88	-88	90	110	
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Nutrient	Phosphorus as P	Total	=	2	%	EPA 365.1	-88	-88	0	10	
2012/13-2	000NONPJ	matrix spike	11/28/2012	Nutrient	TKN	n/a	=	5.28	mg/L	EPA 351.2	0.15	0.2			QAX,D
2012/13-2	000NONPJ	matrix spike, rec	11/28/2012	Nutrient	TKN	n/a	=	108	%	EPA 351.2	-88	-88	90	110	QAX,D
2012/13-2	000NONPJ	matrix spike dup	11/28/2012	Nutrient	TKN	n/a	=	5.2	mg/L	EPA 351.2	0.15	0.2			QAX,D
2012/13-2	000NONPJ	matrix spike dup, rec	11/28/2012	Nutrient	TKN	n/a	=	100	%	EPA 351.2	-88	-88	90	110	QAX,D
2012/13-2	000NONPJ	matrix spike, RPD	11/28/2012	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	15	QAX,D
2012/13-2	000NONPJ	matrix spike	12/5/2012	Nutrient	TKN	n/a	=	1.25	mg/L	EPA 351.2	0.074	0.1			QAX
2012/13-2	000NONPJ	matrix spike, rec	12/5/2012	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike dup	12/5/2012	Nutrient	TKN	n/a	=	1.24	mg/L	EPA 351.2	0.074	0.1			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	12/5/2012	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/5/2012	Nutrient	TKN	n/a	=	1	%	EPA 351.2	-88	-88	0	15	QAX
2012/13-2	000NONPJ	matrix spike	12/5/2012	Nutrient	TKN	n/a	=	1.23	mg/L	EPA 351.2	0.074	0.1			QAX
2012/13-2	000NONPJ	matrix spike, rec	12/5/2012	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike dup	12/5/2012	Nutrient	TKN	n/a	=	1.18	mg/L	EPA 351.2	0.074	0.1			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	12/5/2012	Nutrient	TKN	n/a	=	93	%	EPA 351.2	-88	-88	90	110	QAX
2012/13-2	000NONPJ	matrix spike, RPD	12/5/2012	Nutrient	TKN	n/a	=	4	%	EPA 351.2	-88	-88	0	15	QAX
2012/13-2	Lab	method blank	11/28/2012	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	Lab	LCS	11/28/2012	Nutrient	TKN	n/a	=	0.982	mg/L	EPA 351.2	0.074	0.1			
2012/13-2	Lab	LCS, rec	11/28/2012	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2012/13-2	Lab	LCS	12/5/2012	Nutrient	TKN	n/a	=	0.938	mg/L	EPA 351.2	0.074	0.1			
2012/13-2	Lab	LCS, rec	12/5/2012	Nutrient	TKN	n/a	=	94	%	EPA 351.2	-88	-88	90	110	
2012/13-2	Lab	method blank	12/5/2012	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			
2012/13-2	ME-SCR	matrix spike	11/28/2012	Nutrient	TKN	n/a	=	1.34	mg/L	EPA 351.2	0.074	0.1			
2012/13-2	ME-SCR	matrix spike, rec	11/28/2012	Nutrient	TKN	n/a	=	108	%	EPA 351.2	-88	-88	90	110	
2012/13-2	ME-SCR	matrix spike dup	11/28/2012	Nutrient	TKN	n/a	=	1.34	mg/L	EPA 351.2	0.074	0.1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/28/2012	Nutrient	TKN	n/a	=	108	%	EPA 351.2	-88	-88	90	110	
2012/13-2	ME-SCR	matrix spike, RPD	11/28/2012	Nutrient	TKN	n/a	=	0.3	%	EPA 351.2	-88	-88	0	15	
2012/13-2	Lab	method blank	11/27/2012	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	30.7	µg/L	EPA 625	0.55	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	61	%	EPA 625	-88	-88	44	142	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	32.7	µg/L	EPA 625	0.55	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	65	%	EPA 625	-88	-88	44	142	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	32.8	µg/L	EPA 625	0.55	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	66	%	EPA 625	-88	-88	44	142	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	1,2,4-Trichlorobenzene	n/a	=	0.4	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	1,2-Dichlorobenzene	n/a	=	26.9	µg/L	EPA 625	0.57	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	1,2-Dichlorobenzene	n/a	=	54	%	EPA 625	-88	-88	32	129	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	1,2-Dichlorobenzene	n/a	=	27.8	µg/L	EPA 625	0.57	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	1,2-Dichlorobenzene	n/a	=	56	%	EPA 625	-88	-88	32	129	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	1,2-Dichlorobenzene	n/a	=	30.6	µg/L	EPA 625	0.57	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	1,2-Dichlorobenzene	n/a	=	61	%	EPA 625	-88	-88	32	129	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	1,2-Dichlorobenzene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	srgt LCS	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	11.2	µg/L	EPA 524.2	-88	-88			
2012/13-2	Lab	srgt LCS, rec	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	112	%	EPA 524.2	-88	-88	70	130	
2012/13-2	Lab	srgt LCS dup	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	11.6	µg/L	EPA 524.2	-88	-88			
2012/13-2	Lab	srgt LCS dup, rec	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	116	%	EPA 524.2	-88	-88	70	130	
2012/13-2	Lab	srgt method blank	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.09	µg/L	EPA 524.2	-88	-88			
2012/13-2	Lab	srgt method blank, rec	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	81	%	EPA 524.2	-88	-88	70	130	
2012/13-2	ME-CC	srgt environ	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	7.5	µg/L	EPA 524.2	-88	-88			
2012/13-2	ME-CC	srgt environ, rec	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	75	%	EPA 524.2	-88	-88	70	130	
2012/13-2	ME-SCR	srgt environ	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	7.74	µg/L	EPA 524.2	-88	-88			
2012/13-2	ME-SCR	srgt environ, rec	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	77	%	EPA 524.2	-88	-88	70	130	
2012/13-2	ME-VR2	srgt environ	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	7.75	µg/L	EPA 524.2	-88	-88			
2012/13-2	ME-VR2	srgt environ, rec	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	78	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-CAM	srgt environ	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	7.97	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-CAM	srgt environ, rec	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	80	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-CAM	srgt field duplicate	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	7.85	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-CAM	srgt field duplicate, rec	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	78	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-FIL	srgt environ	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.75	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-FIL	srgt environ, rec	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	88	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-HUE	srgt environ	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	7.83	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-HUE	srgt environ, rec	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	78	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-MEI	srgt environ	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.19	µg/L	EPA 524.2	-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	
2012/13-2	MO-MEI	srgt environ, rec	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	82	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-MPK	srgt environ	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	7.88	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-MPK	srgt environ, rec	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	79	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-OJA	srgt environ	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	7.85	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-OJA	srgt environ, rec	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	78	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-OXN	srgt environ	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.32	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-OXN	srgt environ, rec	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	83	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-SIM	srgt environ	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.05	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-SIM	srgt environ, rec	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	80	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-SPA	srgt environ	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.2	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-SPA	srgt environ, rec	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	82	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-THO	srgt environ	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	7.67	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-THO	srgt environ, rec	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	77	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-VEN	srgt environ	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	7.68	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-VEN	srgt environ, rec	11/27/2012	Organic	1,2-Dichlorobenzene-d4	n/a	=	77	%	EPA 524.2	-88	-88	70	130	
2012/13-2	Lab	method blank	11/27/2012	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-2	Lab	method blank	11/27/2012	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	1,3-Dichlorobenzene	n/a	=	25.9	µg/L	EPA 625	0.53	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	1,3-Dichlorobenzene	n/a	=	52	%	EPA 625	-88	-88	0.1	172	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	1,3-Dichlorobenzene	n/a	=	27.1	µg/L	EPA 625	0.53	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	1,3-Dichlorobenzene	n/a	=	54	%	EPA 625	-88	-88	0.1	172	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	1,3-Dichlorobenzene	n/a	=	30.2	µg/L	EPA 625	0.53	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	1,3-Dichlorobenzene	n/a	=	60	%	EPA 625	-88	-88	0.1	172	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	1,3-Dichlorobenzene	n/a	=	11	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	srgt method blank	12/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.91	µg/L	EPA 525.2	-88	-88			
2012/13-2	Lab	srgt method blank, rec	12/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2012/13-2	Lab	srgt LCS	12/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.11	µg/L	EPA 525.2	-88	-88			
2012/13-2	Lab	srgt LCS, rec	12/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2012/13-2	Lab	srgt method blank	12/5/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.96	µg/L	EPA 525.2	-88	-88			
2012/13-2	Lab	srgt method blank, rec	12/5/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2012/13-2	Lab	srgt LCS	12/5/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.72	µg/L	EPA 525.2	-88	-88			
2012/13-2	Lab	srgt LCS, rec	12/5/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2	-88	-88	73	136	
2012/13-2	Lab	srgt LCS	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.519	µg/L	EPA 525.2	-88	-88			
2012/13-2	Lab	srgt LCS, rec	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2012/13-2	Lab	srgt method blank	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.482	µg/L	EPA 525.2	-88	-88			
2012/13-2	Lab	srgt method blank, rec	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	73	136	
2012/13-2	Lab	srgt LCS	12/14/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.534	µg/L	EPA 525.2	-88	-88			
2012/13-2	Lab	srgt LCS, rec	12/14/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	136	
2012/13-2	Lab	srgt method blank	12/14/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.493	µg/L	EPA 525.2	-88	-88			
2012/13-2	Lab	srgt method blank, rec	12/14/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2012/13-2	ME-CC	srgt environ	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.4	µg/L	EPA 525.2	-88	-88			
2012/13-2	ME-CC	srgt environ, rec	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	88	%	EPA 525.2	-88	-88	73	136	
2012/13-2	ME-CC	srgt environ	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.481	µg/L	EPA 525.2	-88	-88			
2012/13-2	ME-CC	srgt environ, rec	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	73	136	
2012/13-2	ME-SCR	srgt matrix spike	12/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5	µg/L	EPA 525.2	-88	-88			
2012/13-2	ME-SCR	srgt matrix spike, rec	12/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2012/13-2	ME-SCR	srgt matrix spike dup	12/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.92	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	
2012/13-2	ME-SCR	srgt matrix spike dup, rec	12/3/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2012/13-2	ME-SCR	srgt environ	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.93	µg/L	EPA 525.2	-88	-88			
2012/13-2	ME-SCR	srgt environ, rec	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2012/13-2	ME-SCR	srgt environ	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.502	µg/L	EPA 525.2	-88	-88			
2012/13-2	ME-SCR	srgt environ, rec	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2012/13-2	ME-VR2	srgt environ	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.08	µg/L	EPA 525.2	-88	-88			
2012/13-2	ME-VR2	srgt environ, rec	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2012/13-2	ME-VR2	srgt environ	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.513	µg/L	EPA 525.2	-88	-88			
2012/13-2	ME-VR2	srgt environ, rec	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-CAM	srgt environ	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.32	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-CAM	srgt environ, rec	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	86	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-CAM	srgt environ	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.505	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-CAM	srgt environ, rec	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-CAM	srgt matrix spike	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.484	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-CAM	srgt matrix spike dup	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.496	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-CAM	srgt matrix spike dup, rec	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-CAM	srgt matrix spike, rec	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-FIL	srgt environ	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	3.88	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-FIL	srgt environ, rec	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	78	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-FIL	srgt environ	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.511	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-FIL	srgt environ, rec	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-HUE	srgt environ	12/6/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.95	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-HUE	srgt environ, rec	12/6/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-HUE	srgt environ	12/14/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.549	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-HUE	srgt environ, rec	12/14/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-HUE	srgt matrix spike	12/14/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.515	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-HUE	srgt matrix spike dup	12/14/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.534	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-HUE	srgt matrix spike dup, rec	12/14/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-HUE	srgt matrix spike, rec	12/14/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-MEI	srgt environ	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	3.59	µg/L	EPA 525.2	-88	-88			GN
2012/13-2	MO-MEI	srgt environ, rec	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	72	%	EPA 525.2	-88	-88	73	136	GN
2012/13-2	MO-MEI	srgt environ	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.508	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-MEI	srgt environ, rec	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-MPK	srgt environ	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	3.87	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-MPK	srgt environ, rec	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	77	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-MPK	srgt environ	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.516	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-MPK	srgt environ, rec	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-OJA	srgt environ	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	3.68	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-OJA	srgt environ, rec	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	74	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-OJA	srgt environ	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.492	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-OJA	srgt environ, rec	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-OXN	srgt matrix spike	12/5/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.34	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-OXN	srgt matrix spike, rec	12/5/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	87	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-OXN	srgt matrix spike dup	12/5/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.07	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-OXN	srgt matrix spike dup, rec	12/5/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	81	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-OXN	srgt environ	12/6/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.42	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-OXN	srgt environ, rec	12/6/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	88	%	EPA 525.2	-88	-88	73	136	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	MO-OXN	srgt environ	12/14/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.53	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-OXN	srgt environ, rec	12/14/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-SIM	srgt environ	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.13	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-SIM	srgt environ, rec	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	83	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-SIM	srgt environ	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.502	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-SIM	srgt environ, rec	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-SPA	srgt environ	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	3.38	µg/L	EPA 525.2	-88	-88			GN
2012/13-2	MO-SPA	srgt environ, rec	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	71	%	EPA 525.2	-88	-88	73	136	GN
2012/13-2	MO-SPA	srgt environ	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.499	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-SPA	srgt environ, rec	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-THO	srgt environ	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.8	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-THO	srgt environ, rec	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-THO	srgt environ	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.499	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-THO	srgt environ, rec	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-VEN	srgt environ	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	3.65	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-VEN	srgt environ, rec	12/4/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	73	%	EPA 525.2	-88	-88	73	136	
2012/13-2	MO-VEN	srgt environ	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.496	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-VEN	srgt environ, rec	12/13/2012	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2012/13-2	Lab	method blank	11/27/2012	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	1,4-Dichlorobenzene	n/a	=	27.1	µg/L	EPA 625	0.55	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	1,4-Dichlorobenzene	n/a	=	54	%	EPA 625	-88	-88	20	124	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	1,4-Dichlorobenzene	n/a	=	27.8	µg/L	EPA 625	0.55	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	1,4-Dichlorobenzene	n/a	=	56	%	EPA 625	-88	-88	20	124	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	1,4-Dichlorobenzene	n/a	=	30.8	µg/L	EPA 625	0.55	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	1,4-Dichlorobenzene	n/a	=	62	%	EPA 625	-88	-88	20	124	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	1,4-Dichlorobenzene	n/a	=	10	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	method blank	11/28/2012	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	method blank	11/29/2012	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1			
2012/13-2	Lab	srgt method blank	11/27/2012	Organic	2,4,6-Tribromophenol	n/a	=	59.7	µg/L	EPA 625	-88	-88			
2012/13-2	Lab	srgt method blank, rec	11/27/2012	Organic	2,4,6-Tribromophenol	n/a	=	60	%	EPA 625	-88	-88	0.1	157	
2012/13-2	Lab	srgt LCS	11/27/2012	Organic	2,4,6-Tribromophenol	n/a	=	67.9	µg/L	EPA 625	-88	-88			
2012/13-2	Lab	srgt LCS, rec	11/27/2012	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 625	-88	-88	0.1	157	
2012/13-2	Lab	srgt method blank	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	6.6	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	Lab	srgt method blank, rec	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 8270Cm	-88	-88	44	115	
2012/13-2	Lab	srgt LCS	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	6.75	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	Lab	srgt LCS, rec	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 8270Cm	-88	-88	44	115	
2012/13-2	ME-CC	srgt environ	11/27/2012	Organic	2,4,6-Tribromophenol	n/a	=	69.9	µg/L	EPA 625	-88	-88			
2012/13-2	ME-CC	srgt environ, rec	11/27/2012	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 625	-88	-88	0.1	157	
2012/13-2	ME-CC	srgt environ	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	7.19	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	ME-CC	srgt environ, rec	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	72	%	EPA 8270Cm	-88	-88	44	115	
2012/13-2	ME-SCR	srgt matrix spike	11/27/2012	Organic	2,4,6-Tribromophenol	n/a	=	67.9	µg/L	EPA 625	-88	-88			
2012/13-2	ME-SCR	srgt matrix spike, rec	11/27/2012	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 625	-88	-88	0.1	157	
2012/13-2	ME-SCR	srgt matrix spike dup	11/27/2012	Organic	2,4,6-Tribromophenol	n/a	=	63.2	µg/L	EPA 625	-88	-88			
2012/13-2	ME-SCR	srgt matrix spike dup, rec	11/27/2012	Organic	2,4,6-Tribromophenol	n/a	=	63	%	EPA 625	-88	-88	0.1	157	
2012/13-2	ME-SCR	srgt environ	11/27/2012	Organic	2,4,6-Tribromophenol	n/a	=	56.3	µg/L	EPA 625	-88	-88			
2012/13-2	ME-SCR	srgt environ, rec	11/27/2012	Organic	2,4,6-Tribromophenol	n/a	=	56	%	EPA 625	-88	-88	0.1	157	
2012/13-2	ME-SCR	srgt environ	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	6.98	µg/L	EPA 8270Cm	-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	
2012/13-2	ME-SCR	srgt environ, rec	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 8270Cm	-88	-88	44	115	
2012/13-2	ME-VR2	srgt environ	11/27/2012	Organic	2,4,6-Tribromophenol	n/a	=	62.9	µg/L	EPA 625	-88	-88			
2012/13-2	ME-VR2	srgt environ, rec	11/27/2012	Organic	2,4,6-Tribromophenol	n/a	=	63	%	EPA 625	-88	-88	0.1	157	
2012/13-2	ME-VR2	srgt environ	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	6.65	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	ME-VR2	srgt environ, rec	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 8270Cm	-88	-88	44	115	
2012/13-2	MO-CAM	srgt environ	11/28/2012	Organic	2,4,6-Tribromophenol	n/a	=	63.9	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-CAM	srgt environ, rec	11/28/2012	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 625	-88	-88	0.1	157	D,DF
2012/13-2	MO-CAM	srgt environ	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	6.67	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-CAM	srgt environ, rec	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 8270Cm	-88	-88	44	115	
2012/13-2	MO-FIL	srgt environ	11/28/2012	Organic	2,4,6-Tribromophenol	n/a	=	71	µg/L	EPA 625	-88	-88			
2012/13-2	MO-FIL	srgt environ, rec	11/28/2012	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625	-88	-88	0.1	157	
2012/13-2	MO-FIL	srgt environ	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	6.94	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-FIL	srgt environ, rec	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 8270Cm	-88	-88	44	115	
2012/13-2	MO-HUE	srgt environ	11/28/2012	Organic	2,4,6-Tribromophenol	n/a	=	74	µg/L	EPA 625	-88	-88			
2012/13-2	MO-HUE	srgt environ, rec	11/28/2012	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 625	-88	-88	0.1	157	
2012/13-2	MO-HUE	srgt environ	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	6.87	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-HUE	srgt environ, rec	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 8270Cm	-88	-88	44	115	
2012/13-2	MO-MEI	srgt environ	11/28/2012	Organic	2,4,6-Tribromophenol	n/a	=	62	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-MEI	srgt environ, rec	11/28/2012	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 625	-88	-88	0.1	157	D,DF
2012/13-2	MO-MEI	srgt environ	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	7.4	µg/L	EPA 8270Cm	-88	-88			D,DF
2012/13-2	MO-MEI	srgt environ, rec	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	70	%	EPA 8270Cm	-88	-88	44	115	D,DF
2012/13-2	MO-MPK	srgt environ	11/28/2012	Organic	2,4,6-Tribromophenol	n/a	=	58.8	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-MPK	srgt environ, rec	11/28/2012	Organic	2,4,6-Tribromophenol	n/a	=	59	%	EPA 625	-88	-88	0.1	157	D,DF
2012/13-2	MO-MPK	srgt environ	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	6.38	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-MPK	srgt environ, rec	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	64	%	EPA 8270Cm	-88	-88	44	115	
2012/13-2	MO-OJA	srgt environ	11/28/2012	Organic	2,4,6-Tribromophenol	n/a	=	70.7	µg/L	EPA 625	-88	-88			
2012/13-2	MO-OJA	srgt environ, rec	11/28/2012	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 625	-88	-88	0.1	157	
2012/13-2	MO-OJA	srgt environ	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	7.1	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-OJA	srgt environ, rec	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	71	%	EPA 8270Cm	-88	-88	44	115	
2012/13-2	MO-OXN	srgt environ	11/28/2012	Organic	2,4,6-Tribromophenol	n/a	=	61.7	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-OXN	srgt environ, rec	11/28/2012	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 625	-88	-88	0.1	157	D,DF
2012/13-2	MO-OXN	srgt environ	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	6.02	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-OXN	srgt environ, rec	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	60	%	EPA 8270Cm	-88	-88	44	115	
2012/13-2	MO-SIM	srgt environ	11/28/2012	Organic	2,4,6-Tribromophenol	n/a	=	77.8	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-SIM	srgt environ, rec	11/28/2012	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 625	-88	-88	0.1	157	D,DF
2012/13-2	MO-SIM	srgt environ	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	6.49	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-SIM	srgt environ, rec	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 8270Cm	-88	-88	44	115	
2012/13-2	MO-SPA	srgt environ	11/28/2012	Organic	2,4,6-Tribromophenol	n/a	=	53	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-SPA	srgt environ, rec	11/28/2012	Organic	2,4,6-Tribromophenol	n/a	=	56	%	EPA 625	-88	-88	0.1	157	D,DF
2012/13-2	MO-SPA	srgt environ	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	5.63	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-SPA	srgt environ, rec	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	56	%	EPA 8270Cm	-88	-88	44	115	
2012/13-2	MO-THO	srgt environ	11/28/2012	Organic	2,4,6-Tribromophenol	n/a	=	64.7	µg/L	EPA 625	-88	-88			
2012/13-2	MO-THO	srgt environ, rec	11/28/2012	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 625	-88	-88	0.1	157	
2012/13-2	MO-THO	srgt matrix spike	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	6.61	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-THO	srgt matrix spike, rec	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 8270Cm	-88	-88	44	115	
2012/13-2	MO-THO	srgt matrix spike dup	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	5.77	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-THO	srgt matrix spike dup, rec	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	58	%	EPA 8270Cm	-88	-88	44	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	
2012/13-2	MO-THO	srgt environ	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	6.88	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-THO	srgt environ, rec	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	69	%	EPA 8270Cm	-88	-88	44	115	
2012/13-2	MO-VEN	srgt environ	11/28/2012	Organic	2,4,6-Tribromophenol	n/a	=	57.1	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-VEN	srgt environ, rec	11/28/2012	Organic	2,4,6-Tribromophenol	n/a	=	57	%	EPA 625	-88	-88	0.1	157	D,DF
2012/13-2	MO-VEN	srgt environ	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	8.2	µg/L	EPA 8270Cm	-88	-88			D,DF
2012/13-2	MO-VEN	srgt environ, rec	11/29/2012	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 8270Cm	-88	-88	44	115	D,DF
2012/13-2	Lab	method blank	11/29/2012	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2012/13-2	Lab	LCS	11/29/2012	Organic	2,4,6-Trichlorophenol	n/a	=	4.94	µg/L	EPA 8270Cm	0.3	1			EUM
2012/13-2	Lab	LCS, rec	11/29/2012	Organic	2,4,6-Trichlorophenol	n/a	=	49	%	EPA 8270Cm	-88	-88	52	150	EUM
2012/13-2	Lab	method blank	11/29/2012	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1			
2012/13-2	Lab	LCS	11/29/2012	Organic	2,4-Dichlorophenol	n/a	=	5.32	µg/L	EPA 8270Cm	0.51	1			
2012/13-2	Lab	LCS, rec	11/29/2012	Organic	2,4-Dichlorophenol	n/a	=	53	%	EPA 8270Cm	-88	-88	53	106	
2012/13-2	Lab	srgt method blank	12/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.9	µg/L	EPA 515.3	-88	-88			
2012/13-2	Lab	srgt method blank, rec	12/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2012/13-2	Lab	srgt LCS	12/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			
2012/13-2	Lab	srgt LCS, rec	12/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	srgt matrix spike	12/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.3	-88	-88			
2012/13-2	ME-CC	srgt matrix spike, rec	12/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	srgt matrix spike dup	12/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.73	µg/L	EPA 515.3	-88	-88			
2012/13-2	ME-CC	srgt matrix spike dup, rec	12/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	srgt environ	12/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.78	µg/L	EPA 515.3	-88	-88			
2012/13-2	ME-CC	srgt environ, rec	12/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-SCR	srgt environ	12/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.15	µg/L	EPA 515.3	-88	-88			
2012/13-2	ME-SCR	srgt environ, rec	12/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-VR2	srgt environ	12/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.41	µg/L	EPA 515.3	-88	-88			
2012/13-2	ME-VR2	srgt environ, rec	12/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2012/13-2	MO-CAM	srgt environ	12/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.53	µg/L	EPA 515.3	-88	-88			
2012/13-2	MO-CAM	srgt environ, rec	12/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2012/13-2	MO-FIL	srgt environ	12/2/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	7.44	µg/L	EPA 515.3	-88	-88			
2012/13-2	MO-FIL	srgt environ, rec	12/2/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	74	%	EPA 515.3	-88	-88	70	130	
2012/13-2	MO-HUE	srgt environ	12/2/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.13	µg/L	EPA 515.3	-88	-88			
2012/13-2	MO-HUE	srgt environ, rec	12/2/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	81	%	EPA 515.3	-88	-88	70	130	
2012/13-2	MO-MEI	srgt environ	12/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.68	µg/L	EPA 515.3	-88	-88			
2012/13-2	MO-MEI	srgt environ, rec	12/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2012/13-2	MO-MPK	srgt environ	12/2/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.2	µg/L	EPA 515.3	-88	-88			
2012/13-2	MO-MPK	srgt environ, rec	12/2/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2012/13-2	MO-OJA	srgt environ	12/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	7.99	µg/L	EPA 515.3	-88	-88			
2012/13-2	MO-OJA	srgt environ, rec	12/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2012/13-2	MO-OXN	srgt environ	12/2/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	7.99	µg/L	EPA 515.3	-88	-88			
2012/13-2	MO-OXN	srgt environ, rec	12/2/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2012/13-2	MO-SIM	srgt environ	12/2/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.18	µg/L	EPA 515.3	-88	-88			
2012/13-2	MO-SIM	srgt environ, rec	12/2/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2012/13-2	MO-SPA	srgt environ	12/2/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.42	µg/L	EPA 515.3	-88	-88			
2012/13-2	MO-SPA	srgt environ, rec	12/2/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2012/13-2	MO-THO	srgt environ	12/2/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	7.92	µg/L	EPA 515.3	-88	-88			
2012/13-2	MO-THO	srgt environ, rec	12/2/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2012/13-2	MO-VEN	srgt environ	12/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	7.9	µg/L	EPA 515.3	-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	
2012/13-2	MO-VEN	srgt environ, rec	12/1/2012	Organic	2,4-Dichlorophenylacetic acid	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2012/13-2	Lab	method blank	11/29/2012	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2012/13-2	Lab	LCS	11/29/2012	Organic	2,4-Dimethylphenol	n/a	=	5.63	µg/L	EPA 8270Cm	1	2			
2012/13-2	Lab	LCS, rec	11/29/2012	Organic	2,4-Dimethylphenol	n/a	=	56	%	EPA 8270Cm	-88	-88	21	99	
2012/13-2	Lab	method blank	11/29/2012	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2012/13-2	Lab	LCS	11/29/2012	Organic	2,4-Dinitrophenol	n/a	=	5.71	µg/L	EPA 8270Cm	1	2			
2012/13-2	Lab	LCS, rec	11/29/2012	Organic	2,4-Dinitrophenol	n/a	=	57	%	EPA 8270Cm	-88	-88	2	227	
2012/13-2	Lab	method blank	11/27/2012	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	2,4-Dinitrotoluene	n/a	=	35.9	µg/L	EPA 625	0.18	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	2,4-Dinitrotoluene	n/a	=	72	%	EPA 625	-88	-88	39	139	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	2,4-Dinitrotoluene	n/a	=	37.6	µg/L	EPA 625	0.18	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	2,4-Dinitrotoluene	n/a	=	75	%	EPA 625	-88	-88	39	139	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	2,4-Dinitrotoluene	n/a	=	34.2	µg/L	EPA 625	0.18	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	2,4-Dinitrotoluene	n/a	=	68	%	EPA 625	-88	-88	39	139	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	2,4-Dinitrotoluene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	2,6-Dinitrotoluene	n/a	=	37.6	µg/L	EPA 625	0.27	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	2,6-Dinitrotoluene	n/a	=	75	%	EPA 625	-88	-88	50	158	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	2,6-Dinitrotoluene	n/a	=	39.4	µg/L	EPA 625	0.27	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	2,6-Dinitrotoluene	n/a	=	79	%	EPA 625	-88	-88	50	158	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	2,6-Dinitrotoluene	n/a	=	36.7	µg/L	EPA 625	0.27	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	2,6-Dinitrotoluene	n/a	=	73	%	EPA 625	-88	-88	50	158	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	2,6-Dinitrotoluene	n/a	=	7	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	LCS	11/27/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	3.92	µg/L	EPA 524.2	0.61	1			EUM
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	65	%	EPA 524.2	-88	-88	70	130	EUM
2012/13-2	Lab	LCS dup	11/27/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	4.61	µg/L	EPA 524.2	0.61	1			
2012/13-2	Lab	LCS dup, rec	11/27/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	77	%	EPA 524.2	-88	-88	70	130	
2012/13-2	Lab	LCS, RPD	11/27/2012	Organic	2-Chloroethyl vinyl ether	n/a	=	16	%	EPA 524.2	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Organic	2-Chloroethyl vinyl ether	n/a	<	0.61	µg/L	EPA 524.2	0.61	1			
2012/13-2	MO-CAM	field duplicate	11/27/2012	Organic	2-Chloroethyl vinyl ether	n/a	<	0.61	µg/L	EPA 524.2	0.61	1			
2012/13-2	Lab	method blank	11/27/2012	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	2-Chloronaphthalene	n/a	=	35.3	µg/L	EPA 625	0.45	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	2-Chloronaphthalene	n/a	=	71	%	EPA 625	-88	-88	60	118	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	2-Chloronaphthalene	n/a	=	37.6	µg/L	EPA 625	0.45	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	2-Chloronaphthalene	n/a	=	75	%	EPA 625	-88	-88	60	118	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	2-Chloronaphthalene	n/a	=	34.6	µg/L	EPA 625	0.45	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	2-Chloronaphthalene	n/a	=	69	%	EPA 625	-88	-88	60	118	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	2-Chloronaphthalene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	method blank	11/29/2012	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1			
2012/13-2	Lab	LCS	11/29/2012	Organic	2-Chlorophenol	n/a	=	4.45	µg/L	EPA 8270Cm	0.65	1			EUM
2012/13-2	Lab	LCS, rec	11/29/2012	Organic	2-Chlorophenol	n/a	=	44	%	EPA 8270Cm	-88	-88	46	92	EUM
2012/13-2	MO-THO	matrix spike	11/29/2012	Organic	2-Chlorophenol	n/a	=	4.46	µg/L	EPA 8270Cm	0.65	1			GB
2012/13-2	MO-THO	matrix spike, rec	11/29/2012	Organic	2-Chlorophenol	n/a	=	45	%	EPA 8270Cm	-88	-88	47	102	GB
2012/13-2	MO-THO	matrix spike dup	11/29/2012	Organic	2-Chlorophenol	n/a	=	4.16	µg/L	EPA 8270Cm	0.65	1			GB
2012/13-2	MO-THO	matrix spike dup, rec	11/29/2012	Organic	2-Chlorophenol	n/a	=	42	%	EPA 8270Cm	-88	-88	47	102	GB
2012/13-2	MO-THO	matrix spike, RPD	11/29/2012	Organic	2-Chlorophenol	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	GB
2012/13-2	Lab	srgt method blank	11/27/2012	Organic	2-Fluorobiphenyl	n/a	=	30.9	µg/L	EPA 625	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	Lab	srgt method blank, rec	11/27/2012	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 625	-88	-88	22	130	
2012/13-2	Lab	srgt LCS	11/27/2012	Organic	2-Fluorobiphenyl	n/a	=	35.1	µg/L	EPA 625	-88	-88			
2012/13-2	Lab	srgt LCS, rec	11/27/2012	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 625	-88	-88	22	130	
2012/13-2	Lab	srgt method blank	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	3.08	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	Lab	srgt method blank, rec	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 8270Cm	-88	-88	51	139	
2012/13-2	Lab	srgt LCS	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	2.54	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	Lab	srgt LCS, rec	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	51	%	EPA 8270Cm	-88	-88	51	139	
2012/13-2	ME-CC	srgt environ	11/27/2012	Organic	2-Fluorobiphenyl	n/a	=	36.2	µg/L	EPA 625	-88	-88			
2012/13-2	ME-CC	srgt environ, rec	11/27/2012	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625	-88	-88	22	130	
2012/13-2	ME-CC	srgt environ	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	3.17	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	ME-CC	srgt environ, rec	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 8270Cm	-88	-88	51	139	
2012/13-2	ME-SCR	srgt matrix spike	11/27/2012	Organic	2-Fluorobiphenyl	n/a	=	37.1	µg/L	EPA 625	-88	-88			
2012/13-2	ME-SCR	srgt matrix spike, rec	11/27/2012	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625	-88	-88	22	130	
2012/13-2	ME-SCR	srgt matrix spike dup	11/27/2012	Organic	2-Fluorobiphenyl	n/a	=	35	µg/L	EPA 625	-88	-88			
2012/13-2	ME-SCR	srgt matrix spike dup, rec	11/27/2012	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 625	-88	-88	22	130	
2012/13-2	ME-SCR	srgt environ	11/27/2012	Organic	2-Fluorobiphenyl	n/a	=	29.4	µg/L	EPA 625	-88	-88			
2012/13-2	ME-SCR	srgt environ, rec	11/27/2012	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 625	-88	-88	22	130	
2012/13-2	ME-SCR	srgt environ	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	3.24	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	ME-SCR	srgt environ, rec	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270Cm	-88	-88	51	139	
2012/13-2	ME-VR2	srgt environ	11/27/2012	Organic	2-Fluorobiphenyl	n/a	=	31.1	µg/L	EPA 625	-88	-88			
2012/13-2	ME-VR2	srgt environ, rec	11/27/2012	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 625	-88	-88	22	130	
2012/13-2	ME-VR2	srgt environ	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	3.15	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	ME-VR2	srgt environ, rec	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 8270Cm	-88	-88	51	139	
2012/13-2	MO-CAM	srgt environ	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	29.4	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-CAM	srgt environ, rec	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	59	%	EPA 625	-88	-88	22	130	D,DF
2012/13-2	MO-CAM	srgt environ	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	3.35	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-CAM	srgt environ, rec	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 8270Cm	-88	-88	51	139	
2012/13-2	MO-FIL	srgt environ	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	36.7	µg/L	EPA 625	-88	-88			
2012/13-2	MO-FIL	srgt environ, rec	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625	-88	-88	22	130	
2012/13-2	MO-FIL	srgt environ	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	3.4	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-FIL	srgt environ, rec	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270Cm	-88	-88	51	139	
2012/13-2	MO-HUE	srgt environ	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	38.6	µg/L	EPA 625	-88	-88			
2012/13-2	MO-HUE	srgt environ, rec	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 625	-88	-88	22	130	
2012/13-2	MO-HUE	srgt environ	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	3.78	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-HUE	srgt environ, rec	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 8270Cm	-88	-88	51	139	
2012/13-2	MO-MEI	srgt environ	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	32.8	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-MEI	srgt environ, rec	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 625	-88	-88	22	130	D,DF
2012/13-2	MO-MEI	srgt environ	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	3.47	µg/L	EPA 8270Cm	-88	-88			D,DF
2012/13-2	MO-MEI	srgt environ, rec	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 8270Cm	-88	-88	51	139	D,DF
2012/13-2	MO-MPK	srgt environ	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	28.1	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-MPK	srgt environ, rec	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	56	%	EPA 625	-88	-88	22	130	D,DF
2012/13-2	MO-MPK	srgt environ	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	3.12	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-MPK	srgt environ, rec	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 8270Cm	-88	-88	51	139	
2012/13-2	MO-OJA	srgt environ	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	34.3	µg/L	EPA 625	-88	-88			
2012/13-2	MO-OJA	srgt environ, rec	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625	-88	-88	22	130	
2012/13-2	MO-OJA	srgt environ	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	3.57	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-OJA	srgt environ, rec	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 8270Cm	-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	
2012/13-2	MO-OXN	srgt environ	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	31.4	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-OXN	srgt environ, rec	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 625	-88	-88	22	130	D,DF
2012/13-2	MO-OXN	srgt environ	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	3.38	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-OXN	srgt environ, rec	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	68	%	EPA 8270Cm	-88	-88	51	139	
2012/13-2	MO-SIM	srgt environ	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	40.1	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-SIM	srgt environ, rec	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 625	-88	-88	22	130	D,DF
2012/13-2	MO-SIM	srgt environ	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	4.04	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-SIM	srgt environ, rec	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 8270Cm	-88	-88	51	139	
2012/13-2	MO-SPA	srgt environ	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	26.6	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-SPA	srgt environ, rec	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	56	%	EPA 625	-88	-88	22	130	D,DF
2012/13-2	MO-SPA	srgt environ	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	2.88	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-SPA	srgt environ, rec	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	58	%	EPA 8270Cm	-88	-88	51	139	
2012/13-2	MO-THO	srgt environ	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	35.4	µg/L	EPA 625	-88	-88			
2012/13-2	MO-THO	srgt environ, rec	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625	-88	-88	22	130	
2012/13-2	MO-THO	srgt matrix spike	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	2.53	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-THO	srgt matrix spike, rec	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	51	%	EPA 8270Cm	-88	-88	51	139	
2012/13-2	MO-THO	srgt matrix spike dup	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	2.59	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-THO	srgt matrix spike dup, rec	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	52	%	EPA 8270Cm	-88	-88	51	139	
2012/13-2	MO-THO	srgt environ	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	3.88	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-THO	srgt environ, rec	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 8270Cm	-88	-88	51	139	
2012/13-2	MO-VEN	srgt environ	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	25.4	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-VEN	srgt environ, rec	11/28/2012	Organic	2-Fluorobiphenyl	n/a	=	51	%	EPA 625	-88	-88	22	130	D,DF
2012/13-2	MO-VEN	srgt environ	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	3.37	µg/L	EPA 8270Cm	-88	-88			D,DF
2012/13-2	MO-VEN	srgt environ, rec	11/29/2012	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 8270Cm	-88	-88	51	139	D,DF
2012/13-2	Lab	srgt method blank	11/27/2012	Organic	2-Fluorophenol	n/a	=	35	µg/L	EPA 625	-88	-88			
2012/13-2	Lab	srgt method blank, rec	11/27/2012	Organic	2-Fluorophenol	n/a	=	35	%	EPA 625	-88	-88	6	96	
2012/13-2	Lab	srgt LCS	11/27/2012	Organic	2-Fluorophenol	n/a	=	31.9	µg/L	EPA 625	-88	-88			
2012/13-2	Lab	srgt LCS, rec	11/27/2012	Organic	2-Fluorophenol	n/a	=	32	%	EPA 625	-88	-88	6	96	
2012/13-2	Lab	srgt method blank	11/29/2012	Organic	2-Fluorophenol	n/a	=	3.68	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	Lab	srgt method blank, rec	11/29/2012	Organic	2-Fluorophenol	n/a	=	37	%	EPA 8270Cm	-88	-88	24	82	
2012/13-2	Lab	srgt LCS	11/29/2012	Organic	2-Fluorophenol	n/a	=	2.9	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	Lab	srgt LCS, rec	11/29/2012	Organic	2-Fluorophenol	n/a	=	29	%	EPA 8270Cm	-88	-88	24	82	
2012/13-2	ME-CC	srgt environ	11/27/2012	Organic	2-Fluorophenol	n/a	=	33.6	µg/L	EPA 625	-88	-88			
2012/13-2	ME-CC	srgt environ, rec	11/27/2012	Organic	2-Fluorophenol	n/a	=	34	%	EPA 625	-88	-88	6	96	
2012/13-2	ME-CC	srgt environ	11/29/2012	Organic	2-Fluorophenol	n/a	=	3.01	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	ME-CC	srgt environ, rec	11/29/2012	Organic	2-Fluorophenol	n/a	=	30	%	EPA 8270Cm	-88	-88	24	82	
2012/13-2	ME-SCR	srgt matrix spike	11/27/2012	Organic	2-Fluorophenol	n/a	=	30.4	µg/L	EPA 625	-88	-88			
2012/13-2	ME-SCR	srgt matrix spike, rec	11/27/2012	Organic	2-Fluorophenol	n/a	=	30	%	EPA 625	-88	-88	6	96	
2012/13-2	ME-SCR	srgt matrix spike dup	11/27/2012	Organic	2-Fluorophenol	n/a	=	33.2	µg/L	EPA 625	-88	-88			
2012/13-2	ME-SCR	srgt matrix spike dup, rec	11/27/2012	Organic	2-Fluorophenol	n/a	=	33	%	EPA 625	-88	-88	6	96	
2012/13-2	ME-SCR	srgt environ	11/27/2012	Organic	2-Fluorophenol	n/a	=	28	µg/L	EPA 625	-88	-88			
2012/13-2	ME-SCR	srgt environ, rec	11/27/2012	Organic	2-Fluorophenol	n/a	=	28	%	EPA 625	-88	-88	6	96	
2012/13-2	ME-SCR	srgt environ	11/29/2012	Organic	2-Fluorophenol	n/a	=	3.09	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	ME-SCR	srgt environ, rec	11/29/2012	Organic	2-Fluorophenol	n/a	=	31	%	EPA 8270Cm	-88	-88	24	82	
2012/13-2	ME-VR2	srgt environ	11/27/2012	Organic	2-Fluorophenol	n/a	=	29.9	µg/L	EPA 625	-88	-88			
2012/13-2	ME-VR2	srgt environ, rec	11/27/2012	Organic	2-Fluorophenol	n/a	=	30	%	EPA 625	-88	-88	6	96	
2012/13-2	ME-VR2	srgt environ	11/29/2012	Organic	2-Fluorophenol	n/a	=	3.02	µg/L	EPA 8270Cm	-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	
2012/13-2	ME-VR2	srgt environ, rec	11/29/2012	Organic	2-Fluorophenol	n/a	=	30	%	EPA 8270Cm	-88	-88	24	82	
2012/13-2	MO-CAM	srgt environ	11/28/2012	Organic	2-Fluorophenol	n/a	=	28	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-CAM	srgt environ, rec	11/28/2012	Organic	2-Fluorophenol	n/a	=	28	%	EPA 625	-88	-88	6	96	D,DF
2012/13-2	MO-CAM	srgt environ	11/29/2012	Organic	2-Fluorophenol	n/a	=	3.21	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-CAM	srgt environ, rec	11/29/2012	Organic	2-Fluorophenol	n/a	=	32	%	EPA 8270Cm	-88	-88	24	82	
2012/13-2	MO-FIL	srgt environ	11/28/2012	Organic	2-Fluorophenol	n/a	=	37.1	µg/L	EPA 625	-88	-88			
2012/13-2	MO-FIL	srgt environ, rec	11/28/2012	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625	-88	-88	6	96	
2012/13-2	MO-FIL	srgt environ	11/29/2012	Organic	2-Fluorophenol	n/a	=	3.15	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-FIL	srgt environ, rec	11/29/2012	Organic	2-Fluorophenol	n/a	=	32	%	EPA 8270Cm	-88	-88	24	82	
2012/13-2	MO-HUE	srgt environ	11/28/2012	Organic	2-Fluorophenol	n/a	=	42.3	µg/L	EPA 625	-88	-88			
2012/13-2	MO-HUE	srgt environ, rec	11/28/2012	Organic	2-Fluorophenol	n/a	=	42	%	EPA 625	-88	-88	6	96	
2012/13-2	MO-HUE	srgt environ	11/29/2012	Organic	2-Fluorophenol	n/a	=	3.37	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-HUE	srgt environ, rec	11/29/2012	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270Cm	-88	-88	24	82	
2012/13-2	MO-MEI	srgt environ	11/28/2012	Organic	2-Fluorophenol	n/a	=	29.8	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-MEI	srgt environ, rec	11/28/2012	Organic	2-Fluorophenol	n/a	=	30	%	EPA 625	-88	-88	6	96	D,DF
2012/13-2	MO-MEI	srgt environ	11/29/2012	Organic	2-Fluorophenol	n/a	=	3.32	µg/L	EPA 8270Cm	-88	-88			D,DF
2012/13-2	MO-MEI	srgt environ, rec	11/29/2012	Organic	2-Fluorophenol	n/a	=	32	%	EPA 8270Cm	-88	-88	24	82	D,DF
2012/13-2	MO-MPK	srgt environ	11/28/2012	Organic	2-Fluorophenol	n/a	=	36.6	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-MPK	srgt environ, rec	11/28/2012	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625	-88	-88	6	96	D,DF
2012/13-2	MO-MPK	srgt environ	11/29/2012	Organic	2-Fluorophenol	n/a	=	3.82	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-MPK	srgt environ, rec	11/29/2012	Organic	2-Fluorophenol	n/a	=	38	%	EPA 8270Cm	-88	-88	24	82	
2012/13-2	MO-OJA	srgt environ	11/28/2012	Organic	2-Fluorophenol	n/a	=	36.1	µg/L	EPA 625	-88	-88			
2012/13-2	MO-OJA	srgt environ, rec	11/28/2012	Organic	2-Fluorophenol	n/a	=	36	%	EPA 625	-88	-88	6	96	
2012/13-2	MO-OJA	srgt environ	11/29/2012	Organic	2-Fluorophenol	n/a	=	3.57	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-OJA	srgt environ, rec	11/29/2012	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270Cm	-88	-88	24	82	
2012/13-2	MO-OXN	srgt environ	11/28/2012	Organic	2-Fluorophenol	n/a	=	28.8	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-OXN	srgt environ, rec	11/28/2012	Organic	2-Fluorophenol	n/a	=	29	%	EPA 625	-88	-88	6	96	D,DF
2012/13-2	MO-OXN	srgt environ	11/29/2012	Organic	2-Fluorophenol	n/a	=	2.49	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-OXN	srgt environ, rec	11/29/2012	Organic	2-Fluorophenol	n/a	=	25	%	EPA 8270Cm	-88	-88	24	82	
2012/13-2	MO-SIM	srgt environ	11/28/2012	Organic	2-Fluorophenol	n/a	=	32.5	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-SIM	srgt environ, rec	11/28/2012	Organic	2-Fluorophenol	n/a	=	33	%	EPA 625	-88	-88	6	96	D,DF
2012/13-2	MO-SIM	srgt environ	11/29/2012	Organic	2-Fluorophenol	n/a	=	3.05	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-SIM	srgt environ, rec	11/29/2012	Organic	2-Fluorophenol	n/a	=	30	%	EPA 8270Cm	-88	-88	24	82	
2012/13-2	MO-SPA	srgt environ	11/28/2012	Organic	2-Fluorophenol	n/a	=	23.8	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-SPA	srgt environ, rec	11/28/2012	Organic	2-Fluorophenol	n/a	=	25	%	EPA 625	-88	-88	6	96	D,DF
2012/13-2	MO-SPA	srgt environ	11/29/2012	Organic	2-Fluorophenol	n/a	=	2.56	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-SPA	srgt environ, rec	11/29/2012	Organic	2-Fluorophenol	n/a	=	26	%	EPA 8270Cm	-88	-88	24	82	
2012/13-2	MO-THO	srgt environ	11/28/2012	Organic	2-Fluorophenol	n/a	=	41.1	µg/L	EPA 625	-88	-88			
2012/13-2	MO-THO	srgt environ, rec	11/28/2012	Organic	2-Fluorophenol	n/a	=	41	%	EPA 625	-88	-88	6	96	
2012/13-2	MO-THO	srgt matrix spike	11/29/2012	Organic	2-Fluorophenol	n/a	=	3.9	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-THO	srgt matrix spike, rec	11/29/2012	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270Cm	-88	-88	24	82	
2012/13-2	MO-THO	srgt matrix spike dup	11/29/2012	Organic	2-Fluorophenol	n/a	=	3.45	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-THO	srgt matrix spike dup, rec	11/29/2012	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270Cm	-88	-88	24	82	
2012/13-2	MO-THO	srgt environ	11/29/2012	Organic	2-Fluorophenol	n/a	=	3.16	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-THO	srgt environ, rec	11/29/2012	Organic	2-Fluorophenol	n/a	=	32	%	EPA 8270Cm	-88	-88	24	82	
2012/13-2	MO-VEN	srgt environ	11/28/2012	Organic	2-Fluorophenol	n/a	=	23.2	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-VEN	srgt environ, rec	11/28/2012	Organic	2-Fluorophenol	n/a	=	23	%	EPA 625	-88	-88	6	96	D,DF

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	MO-VEN	srgt environ	11/29/2012	Organic	2-Fluorophenol	n/a	=	3.08	µg/L	EPA 8270Cm	-88	-88			D,DF
2012/13-2	MO-VEN	srgt environ, rec	11/29/2012	Organic	2-Fluorophenol	n/a	=	29	%	EPA 8270Cm	-88	-88	24	82	D,DF
2012/13-2	Lab	method blank	11/28/2012	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	method blank	11/29/2012	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1			
2012/13-2	Lab	method blank	11/29/2012	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1			
2012/13-2	Lab	LCS	11/29/2012	Organic	2-Nitrophenol	n/a	=	5.62	µg/L	EPA 8270Cm	0.71	1			
2012/13-2	Lab	LCS, rec	11/29/2012	Organic	2-Nitrophenol	n/a	=	56	%	EPA 8270Cm	-88	-88	48	197	
2012/13-2	Lab	method blank	11/27/2012	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2012/13-2	Lab	LCS	11/27/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	33.4	µg/L	EPA 625	1.2	5			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	67	%	EPA 625	-88	-88	0.1	262	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	11.4	µg/L	EPA 625	1.2	5			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	23	%	EPA 625	-88	-88	0.1	262	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	5.93	µg/L	EPA 625	1.2	5			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	12	%	EPA 625	-88	-88	0.1	262	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	3,3'-Dichlorobenzidine	n/a	=	63	%	EPA 625	-88	-88	0	30	IL
2012/13-2	Lab	method blank	11/29/2012	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2012/13-2	Lab	method blank	11/29/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1			
2012/13-2	Lab	LCS	11/29/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	7.37	µg/L	EPA 8270Cm	0.14	1			
2012/13-2	Lab	LCS, rec	11/29/2012	Organic	4,6-Dinitro-2-methylphenol	n/a	=	74	%	EPA 8270Cm	-88	-88	56	227	
2012/13-2	Lab	srgt LCS	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	10.9	µg/L	EPA 524.2	-88	-88			
2012/13-2	Lab	srgt LCS, rec	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	109	%	EPA 524.2	-88	-88	70	130	
2012/13-2	Lab	srgt LCS dup	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	11.3	µg/L	EPA 524.2	-88	-88			
2012/13-2	Lab	srgt LCS dup, rec	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	113	%	EPA 524.2	-88	-88	70	130	
2012/13-2	Lab	srgt method blank	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	8.35	µg/L	EPA 524.2	-88	-88			
2012/13-2	Lab	srgt method blank, rec	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	84	%	EPA 524.2	-88	-88	70	130	
2012/13-2	ME-CC	srgt environ	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	7.74	µg/L	EPA 524.2	-88	-88			
2012/13-2	ME-CC	srgt environ, rec	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	77	%	EPA 524.2	-88	-88	70	130	
2012/13-2	ME-SCR	srgt environ	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	7.85	µg/L	EPA 524.2	-88	-88			
2012/13-2	ME-SCR	srgt environ, rec	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	78	%	EPA 524.2	-88	-88	70	130	
2012/13-2	ME-VR2	srgt environ	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	7.87	µg/L	EPA 524.2	-88	-88			
2012/13-2	ME-VR2	srgt environ, rec	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	79	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-CAM	srgt environ	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	8.01	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-CAM	srgt environ, rec	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	80	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-CAM	srgt field duplicate	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	7.92	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-CAM	srgt field duplicate, rec	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	79	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-FIL	srgt environ	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	8.43	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-FIL	srgt environ, rec	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	84	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-HUE	srgt environ	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	8.05	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-HUE	srgt environ, rec	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	80	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-MEI	srgt environ	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	8.47	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-MEI	srgt environ, rec	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	85	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-MPK	srgt environ	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	8.2	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-MPK	srgt environ, rec	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	82	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-OJA	srgt environ	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	8.14	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-OJA	srgt environ, rec	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	81	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-OXN	srgt environ	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	8.46	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-OXN	srgt environ, rec	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	85	%	EPA 524.2	-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	
2012/13-2	MO-SIM	srgt environ	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	8.39	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-SIM	srgt environ, rec	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	84	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-SPA	srgt environ	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	8.29	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-SPA	srgt environ, rec	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	83	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-THO	srgt environ	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	7.95	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-THO	srgt environ, rec	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	80	%	EPA 524.2	-88	-88	70	130	
2012/13-2	MO-VEN	srgt environ	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	7.99	µg/L	EPA 524.2	-88	-88			
2012/13-2	MO-VEN	srgt environ, rec	11/27/2012	Organic	4-Bromofluorobenzene	n/a	=	80	%	EPA 524.2	-88	-88	70	130	
2012/13-2	Lab	method blank	11/27/2012	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	30.2	µg/L	EPA 625	0.36	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	60	%	EPA 625	-88	-88	56	127	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	31.5	µg/L	EPA 625	0.36	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	63	%	EPA 625	-88	-88	56	127	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	28.5	µg/L	EPA 625	0.36	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	57	%	EPA 625	-88	-88	56	127	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	4-Bromophenyl phenyl ether	n/a	=	10	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	method blank	11/29/2012	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1			
2012/13-2	Lab	LCS	11/29/2012	Organic	4-Chloro-3-methylphenol	n/a	=	5.41	µg/L	EPA 8270Cm	0.37	1			
2012/13-2	Lab	LCS, rec	11/29/2012	Organic	4-Chloro-3-methylphenol	n/a	=	54	%	EPA 8270Cm	-88	-88	51	112	
2012/13-2	MO-THO	matrix spike	11/29/2012	Organic	4-Chloro-3-methylphenol	n/a	=	5.2	µg/L	EPA 8270Cm	0.37	1			
2012/13-2	MO-THO	matrix spike, rec	11/29/2012	Organic	4-Chloro-3-methylphenol	n/a	=	52	%	EPA 8270Cm	-88	-88	39	121	
2012/13-2	MO-THO	matrix spike dup	11/29/2012	Organic	4-Chloro-3-methylphenol	n/a	=	4.52	µg/L	EPA 8270Cm	0.37	1			
2012/13-2	MO-THO	matrix spike dup, rec	11/29/2012	Organic	4-Chloro-3-methylphenol	n/a	=	45	%	EPA 8270Cm	-88	-88	39	121	
2012/13-2	MO-THO	matrix spike, RPD	11/29/2012	Organic	4-Chloro-3-methylphenol	n/a	=	14	%	EPA 8270Cm	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	34.7	µg/L	EPA 625	0.41	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	69	%	EPA 625	-88	-88	25	158	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	37.2	µg/L	EPA 625	0.41	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	74	%	EPA 625	-88	-88	25	158	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	33.5	µg/L	EPA 625	0.41	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	67	%	EPA 625	-88	-88	25	158	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	4-Chlorophenyl phenyl ether	n/a	=	10	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	method blank	11/29/2012	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2012/13-2	Lab	LCS	11/29/2012	Organic	4-Nitrophenol	n/a	=	2.31	µg/L	EPA 8270Cm	1	2			
2012/13-2	Lab	LCS, rec	11/29/2012	Organic	4-Nitrophenol	n/a	=	23	%	EPA 8270Cm	-88	-88	15	73	
2012/13-2	MO-THO	matrix spike	11/29/2012	Organic	4-Nitrophenol	n/a	=	4.03	µg/L	EPA 8270Cm	1	2			
2012/13-2	MO-THO	matrix spike, rec	11/29/2012	Organic	4-Nitrophenol	n/a	=	40	%	EPA 8270Cm	-88	-88	1	65	
2012/13-2	MO-THO	matrix spike dup	11/29/2012	Organic	4-Nitrophenol	n/a	=	3.15	µg/L	EPA 8270Cm	1	2			
2012/13-2	MO-THO	matrix spike dup, rec	11/29/2012	Organic	4-Nitrophenol	n/a	=	32	%	EPA 8270Cm	-88	-88	1	65	
2012/13-2	MO-THO	matrix spike, RPD	11/29/2012	Organic	4-Nitrophenol	n/a	=	25	%	EPA 8270Cm	-88	-88	0	30	
2012/13-2	Lab	method blank	11/28/2012	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS	11/28/2012	Organic	Acenaphthene	n/a	=	3.71	µg/L	EPA 8270Cm	0.1	0.1			EUM
2012/13-2	Lab	LCS, rec	11/28/2012	Organic	Acenaphthene	n/a	=	37	%	EPA 8270Cm	-88	-88	47	145	EUM
2012/13-2	MO-THO	matrix spike	11/28/2012	Organic	Acenaphthene	n/a	=	4.14	µg/L	EPA 8270Cm	0.1	0.1			GB
2012/13-2	MO-THO	matrix spike, rec	11/28/2012	Organic	Acenaphthene	n/a	=	41	%	EPA 8270Cm	-88	-88	47	145	GB
2012/13-2	MO-THO	matrix spike dup	11/28/2012	Organic	Acenaphthene	n/a	=	4.17	µg/L	EPA 8270Cm	0.1	0.1			GB
2012/13-2	MO-THO	matrix spike dup, rec	11/28/2012	Organic	Acenaphthene	n/a	=	42	%	EPA 8270Cm	-88	-88	47	145	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	
2012/13-2	MO-THO	matrix spike, RPD	11/28/2012	Organic	Acenaphthene	n/a	=	0.8	%	EPA 8270Cm	-88	-88	0	30	GB
2012/13-2	Lab	method blank	11/28/2012	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS	11/28/2012	Organic	Acenaphthylene	n/a	=	4.58	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS, rec	11/28/2012	Organic	Acenaphthylene	n/a	=	46	%	EPA 8270Cm	-88	-88	33	145	
2012/13-2	MO-THO	matrix spike	11/28/2012	Organic	Acenaphthylene	n/a	=	5.13	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	MO-THO	matrix spike, rec	11/28/2012	Organic	Acenaphthylene	n/a	=	51	%	EPA 8270Cm	-88	-88	33	145	
2012/13-2	MO-THO	matrix spike dup	11/28/2012	Organic	Acenaphthylene	n/a	=	5.03	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	MO-THO	matrix spike dup, rec	11/28/2012	Organic	Acenaphthylene	n/a	=	50	%	EPA 8270Cm	-88	-88	33	145	
2012/13-2	MO-THO	matrix spike, RPD	11/28/2012	Organic	Acenaphthylene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	
2012/13-2	Lab	method blank	11/28/2012	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS	11/28/2012	Organic	Anthracene	n/a	=	4.26	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS, rec	11/28/2012	Organic	Anthracene	n/a	=	43	%	EPA 8270Cm	-88	-88	27	133	
2012/13-2	MO-THO	matrix spike	11/28/2012	Organic	Anthracene	n/a	=	4.05	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	MO-THO	matrix spike, rec	11/28/2012	Organic	Anthracene	n/a	=	40	%	EPA 8270Cm	-88	-88	27	133	
2012/13-2	MO-THO	matrix spike dup	11/28/2012	Organic	Anthracene	n/a	=	3.87	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	MO-THO	matrix spike dup, rec	11/28/2012	Organic	Anthracene	n/a	=	39	%	EPA 8270Cm	-88	-88	27	133	
2012/13-2	MO-THO	matrix spike, RPD	11/28/2012	Organic	Anthracene	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	
2012/13-2	Lab	method blank	11/28/2012	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS	11/28/2012	Organic	Benz(a)anthracene	n/a	=	5.07	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS, rec	11/28/2012	Organic	Benz(a)anthracene	n/a	=	51	%	EPA 8270Cm	-88	-88	33	143	
2012/13-2	MO-THO	matrix spike	11/28/2012	Organic	Benz(a)anthracene	n/a	=	3.36	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	MO-THO	matrix spike, rec	11/28/2012	Organic	Benz(a)anthracene	n/a	=	34	%	EPA 8270Cm	-88	-88	33	143	
2012/13-2	MO-THO	matrix spike dup	11/28/2012	Organic	Benz(a)anthracene	n/a	=	2.09	µg/L	EPA 8270Cm	0.1	0.1			GB
2012/13-2	MO-THO	matrix spike dup, rec	11/28/2012	Organic	Benz(a)anthracene	n/a	=	21	%	EPA 8270Cm	-88	-88	33	143	GB
2012/13-2	MO-THO	matrix spike, RPD	11/28/2012	Organic	Benz(a)anthracene	n/a	=	46	%	EPA 8270Cm	-88	-88	0	30	GB,IL
2012/13-2	Lab	method blank	11/27/2012	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2012/13-2	Lab	method blank	12/3/2012	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2012/13-2	Lab	LCS	12/3/2012	Organic	Benzo(a)pyrene	n/a	=	3.76	µg/L	EPA 525.2	0.07	0.1			
2012/13-2	Lab	LCS, rec	12/3/2012	Organic	Benzo(a)pyrene	n/a	=	75	%	EPA 525.2	-88	-88	54	136	
2012/13-2	Lab	method blank	12/5/2012	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2012/13-2	Lab	LCS	12/5/2012	Organic	Benzo(a)pyrene	n/a	=	3.03	µg/L	EPA 525.2	0.07	0.1			
2012/13-2	Lab	LCS, rec	12/5/2012	Organic	Benzo(a)pyrene	n/a	=	61	%	EPA 525.2	-88	-88	54	136	
2012/13-2	ME-SCR	matrix spike	12/3/2012	Organic	Benzo(a)pyrene	n/a	=	2.99	µg/L	EPA 525.2	0.07	0.1			
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Organic	Benzo(a)pyrene	n/a	=	60	%	EPA 525.2	-88	-88	29	153	
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Organic	Benzo(a)pyrene	n/a	=	3.25	µg/L	EPA 525.2	0.07	0.1			
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Organic	Benzo(a)pyrene	n/a	=	65	%	EPA 525.2	-88	-88	29	153	
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Organic	Benzo(a)pyrene	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2012/13-2	MO-OXN	matrix spike	12/5/2012	Organic	Benzo(a)pyrene	n/a	=	2.07	µg/L	EPA 525.2	0.07	0.1			
2012/13-2	MO-OXN	matrix spike, rec	12/5/2012	Organic	Benzo(a)pyrene	n/a	=	41	%	EPA 525.2	-88	-88	29	153	
2012/13-2	MO-OXN	matrix spike dup	12/5/2012	Organic	Benzo(a)pyrene	n/a	=	1.6	µg/L	EPA 525.2	0.07	0.1			
2012/13-2	MO-OXN	matrix spike dup, rec	12/5/2012	Organic	Benzo(a)pyrene	n/a	=	32	%	EPA 525.2	-88	-88	29	153	
2012/13-2	MO-OXN	matrix spike, RPD	12/5/2012	Organic	Benzo(a)pyrene	n/a	=	26	%	EPA 525.2	-88	-88	0	30	
2012/13-2	Lab	method blank	11/28/2012	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS	11/28/2012	Organic	Benzo(b)fluoranthene	n/a	=	4.3	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS, rec	11/28/2012	Organic	Benzo(b)fluoranthene	n/a	=	43	%	EPA 8270Cm	-88	-88	24	159	
2012/13-2	MO-THO	matrix spike	11/28/2012	Organic	Benzo(b)fluoranthene	n/a	=	4.37	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	MO-THO	matrix spike, rec	11/28/2012	Organic	Benzo(b)fluoranthene	n/a	=	44	%	EPA 8270Cm	-88	-88	24	159	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	MO-THO	matrix spike dup	11/28/2012	Organic	Benzo(b)fluoranthene	n/a	=	3.98	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	MO-THO	matrix spike dup, rec	11/28/2012	Organic	Benzo(b)fluoranthene	n/a	=	40	%	EPA 8270Cm	-88	-88	24	159	
2012/13-2	MO-THO	matrix spike, RPD	11/28/2012	Organic	Benzo(b)fluoranthene	n/a	=	9	%	EPA 8270Cm	-88	-88	0	30	
2012/13-2	Lab	method blank	11/28/2012	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS	11/28/2012	Organic	Benzo(g,h,i)perylene	n/a	=	3.84	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS, rec	11/28/2012	Organic	Benzo(g,h,i)perylene	n/a	=	38	%	EPA 8270Cm	-88	-88	0.1	219	
2012/13-2	MO-THO	matrix spike	11/28/2012	Organic	Benzo(g,h,i)perylene	n/a	=	5.65	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	MO-THO	matrix spike, rec	11/28/2012	Organic	Benzo(g,h,i)perylene	n/a	=	57	%	EPA 8270Cm	-88	-88	0.1	219	
2012/13-2	MO-THO	matrix spike dup	11/28/2012	Organic	Benzo(g,h,i)perylene	n/a	=	5.25	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	MO-THO	matrix spike dup, rec	11/28/2012	Organic	Benzo(g,h,i)perylene	n/a	=	53	%	EPA 8270Cm	-88	-88	0.1	219	
2012/13-2	MO-THO	matrix spike, RPD	11/28/2012	Organic	Benzo(g,h,i)perylene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	
2012/13-2	Lab	method blank	11/28/2012	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS	11/28/2012	Organic	Benzo(k)fluoranthene	n/a	=	4.5	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS, rec	11/28/2012	Organic	Benzo(k)fluoranthene	n/a	=	45	%	EPA 8270Cm	-88	-88	11	162	
2012/13-2	MO-THO	matrix spike	11/28/2012	Organic	Benzo(k)fluoranthene	n/a	=	4.34	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	MO-THO	matrix spike, rec	11/28/2012	Organic	Benzo(k)fluoranthene	n/a	=	43	%	EPA 8270Cm	-88	-88	11	162	
2012/13-2	MO-THO	matrix spike dup	11/28/2012	Organic	Benzo(k)fluoranthene	n/a	=	3.95	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	MO-THO	matrix spike dup, rec	11/28/2012	Organic	Benzo(k)fluoranthene	n/a	=	39	%	EPA 8270Cm	-88	-88	11	162	
2012/13-2	MO-THO	matrix spike, RPD	11/28/2012	Organic	Benzo(k)fluoranthene	n/a	=	10	%	EPA 8270Cm	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	34.2	µg/L	EPA 625	0.25	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	68	%	EPA 625	-88	-88	33	184	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	36.8	µg/L	EPA 625	0.25	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	74	%	EPA 625	-88	-88	33	184	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	35.1	µg/L	EPA 625	0.25	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	70	%	EPA 625	-88	-88	33	184	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	Bis(2-chloroethoxy)methane	n/a	=	5	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	29	µg/L	EPA 625	0.27	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	58	%	EPA 625	-88	-88	12	158	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	30.5	µg/L	EPA 625	0.27	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	61	%	EPA 625	-88	-88	12	158	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	32.1	µg/L	EPA 625	0.27	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	64	%	EPA 625	-88	-88	12	158	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	Bis(2-chloroethyl)ether	n/a	=	5	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	36.8	µg/L	EPA 625	0.38	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	74	%	EPA 625	-88	-88	36	166	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	37.6	µg/L	EPA 625	0.38	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	75	%	EPA 625	-88	-88	36	166	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	38.6	µg/L	EPA 625	0.38	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	77	%	EPA 625	-88	-88	36	166	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	Bis(2-chloroisopropyl)ether	n/a	=	3	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	method blank	12/3/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2012/13-2	Lab	LCS	12/3/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.72	µg/L	EPA 525.2	0.1	5			
2012/13-2	Lab	LCS, rec	12/3/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	134	%	EPA 525.2	-88	-88	50	145	
2012/13-2	Lab	method blank	12/5/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	Lab	LCS	12/5/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.51	µg/L	EPA 525.2	0.1	5			
2012/13-2	Lab	LCS, rec	12/5/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	130	%	EPA 525.2	-88	-88	50	145	
2012/13-2	ME-SCR	matrix spike	12/3/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.26	µg/L	EPA 525.2	0.1	5			
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	125	%	EPA 525.2	-88	-88	28	147	
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.43	µg/L	EPA 525.2	0.1	5			
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	129	%	EPA 525.2	-88	-88	28	147	
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2012/13-2	MO-OXN	matrix spike	12/5/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.56	µg/L	EPA 525.2	0.1	5			
2012/13-2	MO-OXN	matrix spike, rec	12/5/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	111	%	EPA 525.2	-88	-88	28	147	
2012/13-2	MO-OXN	matrix spike dup	12/5/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.07	µg/L	EPA 525.2	0.1	5			
2012/13-2	MO-OXN	matrix spike dup, rec	12/5/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	101	%	EPA 525.2	-88	-88	28	147	
2012/13-2	MO-OXN	matrix spike, RPD	12/5/2012	Organic	Bis(2-ethylhexyl)adipate	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2012/13-2	Lab	method blank	12/3/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	1.78	µg/L	EPA 525.2	1.1	3			IP,J
2012/13-2	Lab	LCS	12/3/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.63	µg/L	EPA 525.2	1.1	3			
2012/13-2	Lab	LCS, rec	12/3/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	113	%	EPA 525.2	-88	-88	54	142	
2012/13-2	Lab	method blank	12/5/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2012/13-2	Lab	LCS	12/5/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.56	µg/L	EPA 525.2	1.1	3			
2012/13-2	Lab	LCS, rec	12/5/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	111	%	EPA 525.2	-88	-88	54	142	
2012/13-2	ME-SCR	matrix spike	12/3/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.94	µg/L	EPA 525.2	1.1	3			
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	99	%	EPA 525.2	-88	-88	23	154	
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.38	µg/L	EPA 525.2	1.1	3			
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	108	%	EPA 525.2	-88	-88	23	154	
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2012/13-2	MO-OXN	matrix spike	12/5/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.32	µg/L	EPA 525.2	1.1	3			
2012/13-2	MO-OXN	matrix spike, rec	12/5/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	106	%	EPA 525.2	-88	-88	23	154	
2012/13-2	MO-OXN	matrix spike dup	12/5/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.89	µg/L	EPA 525.2	1.1	3			
2012/13-2	MO-OXN	matrix spike dup, rec	12/5/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	98	%	EPA 525.2	-88	-88	23	154	
2012/13-2	MO-OXN	matrix spike, RPD	12/5/2012	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	Butyl benzyl phthalate	n/a	=	39	µg/L	EPA 625	0.18	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	Butyl benzyl phthalate	n/a	=	78	%	EPA 625	-88	-88	0.1	152	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	Butyl benzyl phthalate	n/a	=	41.6	µg/L	EPA 625	0.18	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	Butyl benzyl phthalate	n/a	=	83	%	EPA 625	-88	-88	0.1	152	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	Butyl benzyl phthalate	n/a	=	38	µg/L	EPA 625	0.18	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	Butyl benzyl phthalate	n/a	=	76	%	EPA 625	-88	-88	0.1	152	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	Butyl benzyl phthalate	n/a	=	9	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	method blank	11/28/2012	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS	11/28/2012	Organic	Chrysene	n/a	=	5.94	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS, rec	11/28/2012	Organic	Chrysene	n/a	=	59	%	EPA 8270Cm	-88	-88	17	168	
2012/13-2	MO-THO	matrix spike	11/28/2012	Organic	Chrysene	n/a	=	5.7	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	MO-THO	matrix spike, rec	11/28/2012	Organic	Chrysene	n/a	=	57	%	EPA 8270Cm	-88	-88	17	168	
2012/13-2	MO-THO	matrix spike dup	11/28/2012	Organic	Chrysene	n/a	=	5.55	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	MO-THO	matrix spike dup, rec	11/28/2012	Organic	Chrysene	n/a	=	56	%	EPA 8270Cm	-88	-88	17	168	
2012/13-2	MO-THO	matrix spike, RPD	11/28/2012	Organic	Chrysene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	
2012/13-2	Lab	method blank	11/28/2012	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS	11/28/2012	Organic	Dibenz(a,h)anthracene	n/a	=	3.9	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS, rec	11/28/2012	Organic	Dibenz(a,h)anthracene	n/a	=	39	%	EPA 8270Cm	-88	-88	0.1	227	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	MO-THO	matrix spike	11/28/2012	Organic	Dibenz(a,h)anthracene	n/a	=	5.7	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	MO-THO	matrix spike, rec	11/28/2012	Organic	Dibenz(a,h)anthracene	n/a	=	57	%	EPA 8270Cm	-88	-88	0.1	227	
2012/13-2	MO-THO	matrix spike dup	11/28/2012	Organic	Dibenz(a,h)anthracene	n/a	=	5.38	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	MO-THO	matrix spike dup, rec	11/28/2012	Organic	Dibenz(a,h)anthracene	n/a	=	54	%	EPA 8270Cm	-88	-88	0.1	227	
2012/13-2	MO-THO	matrix spike, RPD	11/28/2012	Organic	Dibenz(a,h)anthracene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	Diethyl phthalate	n/a	=	36.6	µg/L	EPA 625	0.15	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	Diethyl phthalate	n/a	=	73	%	EPA 625	-88	-88	0.1	112	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	Diethyl phthalate	n/a	=	38.7	µg/L	EPA 625	0.15	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	Diethyl phthalate	n/a	=	76	%	EPA 625	-88	-88	0.1	112	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	Diethyl phthalate	n/a	=	35.6	µg/L	EPA 625	0.15	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	Diethyl phthalate	n/a	=	70	%	EPA 625	-88	-88	0.1	112	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	Diethyl phthalate	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	Dimethyl phthalate	n/a	=	36.8	µg/L	EPA 625	0.18	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	Dimethyl phthalate	n/a	=	74	%	EPA 625	-88	-88	0.1	112	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	Dimethyl phthalate	n/a	=	38	µg/L	EPA 625	0.18	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	Dimethyl phthalate	n/a	=	76	%	EPA 625	-88	-88	0.1	112	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	Dimethyl phthalate	n/a	=	34.9	µg/L	EPA 625	0.18	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	Dimethyl phthalate	n/a	=	70	%	EPA 625	-88	-88	0.1	112	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	Dimethyl phthalate	n/a	=	9	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	Di-n-butylphthalate	n/a	=	37.2	µg/L	EPA 625	0.24	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	Di-n-butylphthalate	n/a	=	74	%	EPA 625	-88	-88	1	118	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	Di-n-butylphthalate	n/a	=	39.2	µg/L	EPA 625	0.24	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	Di-n-butylphthalate	n/a	=	78	%	EPA 625	-88	-88	1	118	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	Di-n-butylphthalate	n/a	=	35.6	µg/L	EPA 625	0.24	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	Di-n-butylphthalate	n/a	=	71	%	EPA 625	-88	-88	1	118	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	Di-n-butylphthalate	n/a	=	10	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	Di-n-octylphthalate	n/a	=	34.8	µg/L	EPA 625	0.19	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	Di-n-octylphthalate	n/a	=	70	%	EPA 625	-88	-88	6	146	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	Di-n-octylphthalate	n/a	=	38.1	µg/L	EPA 625	0.19	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	Di-n-octylphthalate	n/a	=	76	%	EPA 625	-88	-88	6	146	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	Di-n-octylphthalate	n/a	=	35.2	µg/L	EPA 625	0.19	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	Di-n-octylphthalate	n/a	=	70	%	EPA 625	-88	-88	6	146	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	Di-n-octylphthalate	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	method blank	11/28/2012	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS	11/28/2012	Organic	Fluoranthene	n/a	=	4.99	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS, rec	11/28/2012	Organic	Fluoranthene	n/a	=	50	%	EPA 8270Cm	-88	-88	26	137	
2012/13-2	MO-THO	matrix spike	11/28/2012	Organic	Fluoranthene	n/a	=	4.25	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	MO-THO	matrix spike, rec	11/28/2012	Organic	Fluoranthene	n/a	=	43	%	EPA 8270Cm	-88	-88	26	137	
2012/13-2	MO-THO	matrix spike dup	11/28/2012	Organic	Fluoranthene	n/a	=	3.44	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	MO-THO	matrix spike dup, rec	11/28/2012	Organic	Fluoranthene	n/a	=	34	%	EPA 8270Cm	-88	-88	26	137	
2012/13-2	MO-THO	matrix spike, RPD	11/28/2012	Organic	Fluoranthene	n/a	=	21	%	EPA 8270Cm	-88	-88	0	30	
2012/13-2	Lab	method blank	11/28/2012	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS	11/28/2012	Organic	Fluorene	n/a	=	4.82	µg/L	EPA 8270Cm	0.1	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	
2012/13-2	Lab	LCS, rec	11/28/2012	Organic	Fluorene	n/a	=	48	%	EPA 8270Cm	-88	-88	59	121	EUM
2012/13-2	MO-THO	matrix spike	11/28/2012	Organic	Fluorene	n/a	=	5.11	µg/L	EPA 8270Cm	0.1	0.1			GB
2012/13-2	MO-THO	matrix spike, rec	11/28/2012	Organic	Fluorene	n/a	=	51	%	EPA 8270Cm	-88	-88	59	121	GB
2012/13-2	MO-THO	matrix spike dup	11/28/2012	Organic	Fluorene	n/a	=	5.11	µg/L	EPA 8270Cm	0.1	0.1			GB
2012/13-2	MO-THO	matrix spike dup, rec	11/28/2012	Organic	Fluorene	n/a	=	51	%	EPA 8270Cm	-88	-88	59	121	GB
2012/13-2	MO-THO	matrix spike, RPD	11/28/2012	Organic	Fluorene	n/a	=	0.1	%	EPA 8270Cm	-88	-88	0	30	GB
2012/13-2	Lab	method blank	11/27/2012	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	Hexachlorobenzene	n/a	=	34	µg/L	EPA 625	0.49	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	Hexachlorobenzene	n/a	=	68	%	EPA 625	-88	-88	0.1	152	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	Hexachlorobenzene	n/a	=	35	µg/L	EPA 625	0.49	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	Hexachlorobenzene	n/a	=	70	%	EPA 625	-88	-88	0.1	152	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	Hexachlorobenzene	n/a	=	31.9	µg/L	EPA 625	0.49	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	Hexachlorobenzene	n/a	=	64	%	EPA 625	-88	-88	0.1	152	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	Hexachlorobenzene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	Hexachlorobutadiene	n/a	=	33.7	µg/L	EPA 625	0.47	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	Hexachlorobutadiene	n/a	=	67	%	EPA 625	-88	-88	24	116	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	Hexachlorobutadiene	n/a	=	35.8	µg/L	EPA 625	0.47	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	Hexachlorobutadiene	n/a	=	72	%	EPA 625	-88	-88	24	116	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	Hexachlorobutadiene	n/a	=	36.1	µg/L	EPA 625	0.47	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	Hexachlorobutadiene	n/a	=	72	%	EPA 625	-88	-88	24	116	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	Hexachlorobutadiene	n/a	=	0.8	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2012/13-2	Lab	LCS	11/27/2012	Organic	Hexachlorocyclopentadiene	n/a	=	29	µg/L	EPA 625	1.5	5			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	Hexachlorocyclopentadiene	n/a	=	58	%	EPA 625	-88	-88	0.1	136	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	Hexachlorocyclopentadiene	n/a	=	26.8	µg/L	EPA 625	1.5	5			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	Hexachlorocyclopentadiene	n/a	=	54	%	EPA 625	-88	-88	0.1	146	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	Hexachlorocyclopentadiene	n/a	=	24.4	µg/L	EPA 625	1.5	5			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	Hexachlorocyclopentadiene	n/a	=	49	%	EPA 625	-88	-88	0.1	146	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	Hexachlorocyclopentadiene	n/a	=	9	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	Hexachloroethane	n/a	=	27.9	µg/L	EPA 625	0.52	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	Hexachloroethane	n/a	=	56	%	EPA 625	-88	-88	40	113	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	Hexachloroethane	n/a	=	27.8	µg/L	EPA 625	0.52	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	Hexachloroethane	n/a	=	56	%	EPA 625	-88	-88	40	113	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	Hexachloroethane	n/a	=	31	µg/L	EPA 625	0.52	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	Hexachloroethane	n/a	=	62	%	EPA 625	-88	-88	40	113	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	Hexachloroethane	n/a	=	11	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	method blank	11/28/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS	11/28/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	4.17	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS, rec	11/28/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	42	%	EPA 8270Cm	-88	-88	0.1	171	
2012/13-2	MO-THO	matrix spike	11/28/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5.66	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	MO-THO	matrix spike, rec	11/28/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	57	%	EPA 8270Cm	-88	-88	0.1	171	
2012/13-2	MO-THO	matrix spike dup	11/28/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5.38	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	MO-THO	matrix spike dup, rec	11/28/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	54	%	EPA 8270Cm	-88	-88	0.1	171	
2012/13-2	MO-THO	matrix spike, RPD	11/28/2012	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	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	
2012/13-2	Lab	LCS	11/27/2012	Organic	Isophorone	n/a	=	33.5	µg/L	EPA 625	0.21	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	Isophorone	n/a	=	67	%	EPA 625	-88	-88	21	196	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	Isophorone	n/a	=	35.8	µg/L	EPA 625	0.21	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	Isophorone	n/a	=	72	%	EPA 625	-88	-88	21	196	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	Isophorone	n/a	=	33.1	µg/L	EPA 625	0.21	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	Isophorone	n/a	=	66	%	EPA 625	-88	-88	21	196	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	Isophorone	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	LCS	11/27/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	4.26	µg/L	EPA 524.2	0.19	2			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	71	%	EPA 524.2	-88	-88	70	130	
2012/13-2	Lab	LCS dup	11/27/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	4.78	µg/L	EPA 524.2	0.19	2			
2012/13-2	Lab	LCS dup, rec	11/27/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	80	%	EPA 524.2	-88	-88	70	130	
2012/13-2	Lab	LCS, RPD	11/27/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	12	%	EPA 524.2	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.19	µg/L	EPA 524.2	0.19	2			
2012/13-2	MO-CAM	field duplicate	11/27/2012	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.19	µg/L	EPA 524.2	0.19	2			
2012/13-2	Lab	method blank	11/28/2012	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS	11/28/2012	Organic	Naphthalene	n/a	=	2.46	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS, rec	11/28/2012	Organic	Naphthalene	n/a	=	25	%	EPA 8270Cm	-88	-88	21	133	
2012/13-2	MO-THO	matrix spike	11/28/2012	Organic	Naphthalene	n/a	=	3.13	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	MO-THO	matrix spike, rec	11/28/2012	Organic	Naphthalene	n/a	=	31	%	EPA 8270Cm	-88	-88	21	133	
2012/13-2	MO-THO	matrix spike dup	11/28/2012	Organic	Naphthalene	n/a	=	2.99	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	MO-THO	matrix spike dup, rec	11/28/2012	Organic	Naphthalene	n/a	=	30	%	EPA 8270Cm	-88	-88	21	133	
2012/13-2	MO-THO	matrix spike, RPD	11/28/2012	Organic	Naphthalene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	Nitrobenzene	n/a	=	33.6	µg/L	EPA 625	0.36	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	Nitrobenzene	n/a	=	67	%	EPA 625	-88	-88	35	180	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	Nitrobenzene	n/a	=	36.5	µg/L	EPA 625	0.36	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	Nitrobenzene	n/a	=	73	%	EPA 625	-88	-88	35	180	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	Nitrobenzene	n/a	=	35.6	µg/L	EPA 625	0.36	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	Nitrobenzene	n/a	=	71	%	EPA 625	-88	-88	35	180	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	Nitrobenzene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	srgt method blank	11/27/2012	Organic	Nitrobenzene-d5	n/a	=	33.4	µg/L	EPA 625	-88	-88			
2012/13-2	Lab	srgt method blank, rec	11/27/2012	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625	-88	-88	34	139	
2012/13-2	Lab	srgt LCS	11/27/2012	Organic	Nitrobenzene-d5	n/a	=	32.7	µg/L	EPA 625	-88	-88			
2012/13-2	Lab	srgt LCS, rec	11/27/2012	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 625	-88	-88	34	139	
2012/13-2	Lab	srgt method blank	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	3.96	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	Lab	srgt method blank, rec	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 8270Cm	-88	-88	51	143	
2012/13-2	Lab	srgt LCS	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	3.01	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	Lab	srgt LCS, rec	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 8270Cm	-88	-88	51	143	
2012/13-2	ME-CC	srgt environ	11/27/2012	Organic	Nitrobenzene-d5	n/a	=	37.1	µg/L	EPA 625	-88	-88			
2012/13-2	ME-CC	srgt environ, rec	11/27/2012	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625	-88	-88	34	139	
2012/13-2	ME-CC	srgt environ	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	3.58	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	ME-CC	srgt environ, rec	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270Cm	-88	-88	51	143	
2012/13-2	ME-SCR	srgt matrix spike	11/27/2012	Organic	Nitrobenzene-d5	n/a	=	34.1	µg/L	EPA 625	-88	-88			
2012/13-2	ME-SCR	srgt matrix spike, rec	11/27/2012	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 625	-88	-88	34	139	
2012/13-2	ME-SCR	srgt matrix spike dup	11/27/2012	Organic	Nitrobenzene-d5	n/a	=	33.7	µg/L	EPA 625	-88	-88			
2012/13-2	ME-SCR	srgt matrix spike dup, rec	11/27/2012	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 625	-88	-88	34	139	
2012/13-2	ME-SCR	srgt environ	11/27/2012	Organic	Nitrobenzene-d5	n/a	=	31.2	µg/L	EPA 625	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	ME-SCR	srgt environ, rec	11/27/2012	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 625	-88	-88	34	139	
2012/13-2	ME-SCR	srgt environ	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	3.57	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	ME-SCR	srgt environ, rec	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 8270Cm	-88	-88	51	143	
2012/13-2	ME-VR2	srgt environ	11/27/2012	Organic	Nitrobenzene-d5	n/a	=	31.6	µg/L	EPA 625	-88	-88			
2012/13-2	ME-VR2	srgt environ, rec	11/27/2012	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 625	-88	-88	34	139	
2012/13-2	ME-VR2	srgt environ	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	3.44	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	ME-VR2	srgt environ, rec	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 8270Cm	-88	-88	51	143	
2012/13-2	MO-CAM	srgt environ	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	29.6	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-CAM	srgt environ, rec	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 625	-88	-88	34	139	D,DF
2012/13-2	MO-CAM	srgt environ	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	3.68	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-CAM	srgt environ, rec	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 8270Cm	-88	-88	51	143	
2012/13-2	MO-FIL	srgt environ	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	39.6	µg/L	EPA 625	-88	-88			
2012/13-2	MO-FIL	srgt environ, rec	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 625	-88	-88	34	139	
2012/13-2	MO-FIL	srgt environ	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	3.26	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-FIL	srgt environ, rec	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	65	%	EPA 8270Cm	-88	-88	51	143	
2012/13-2	MO-HUE	srgt environ	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	40.6	µg/L	EPA 625	-88	-88			
2012/13-2	MO-HUE	srgt environ, rec	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 625	-88	-88	34	139	
2012/13-2	MO-HUE	srgt environ	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	3.73	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-HUE	srgt environ, rec	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 8270Cm	-88	-88	51	143	
2012/13-2	MO-MEI	srgt environ	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	31.4	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-MEI	srgt environ, rec	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 625	-88	-88	34	139	D,DF
2012/13-2	MO-MEI	srgt environ	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	3.49	µg/L	EPA 8270Cm	-88	-88			D,DF
2012/13-2	MO-MEI	srgt environ, rec	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 8270Cm	-88	-88	51	143	D,DF
2012/13-2	MO-MPK	srgt environ	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	28.2	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-MPK	srgt environ, rec	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	56	%	EPA 625	-88	-88	34	139	D,DF
2012/13-2	MO-MPK	srgt environ	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	3.12	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-MPK	srgt environ, rec	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 8270Cm	-88	-88	51	143	
2012/13-2	MO-OJA	srgt environ	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	35.8	µg/L	EPA 625	-88	-88			
2012/13-2	MO-OJA	srgt environ, rec	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 625	-88	-88	34	139	
2012/13-2	MO-OJA	srgt environ	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	4.13	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-OJA	srgt environ, rec	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 8270Cm	-88	-88	51	143	
2012/13-2	MO-OXN	srgt environ	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	31.3	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-OXN	srgt environ, rec	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 625	-88	-88	34	139	D,DF
2012/13-2	MO-OXN	srgt environ	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	2.77	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-OXN	srgt environ, rec	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	55	%	EPA 8270Cm	-88	-88	51	143	
2012/13-2	MO-SIM	srgt environ	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	42.6	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-SIM	srgt environ, rec	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 625	-88	-88	34	139	D,DF
2012/13-2	MO-SIM	srgt environ	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	4.14	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-SIM	srgt environ, rec	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 8270Cm	-88	-88	51	143	
2012/13-2	MO-SPA	srgt environ	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	27.3	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-SPA	srgt environ, rec	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	57	%	EPA 625	-88	-88	34	139	D,DF
2012/13-2	MO-SPA	srgt environ	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	2.98	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-SPA	srgt environ, rec	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 8270Cm	-88	-88	51	143	
2012/13-2	MO-THO	srgt environ	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	40.4	µg/L	EPA 625	-88	-88			
2012/13-2	MO-THO	srgt environ, rec	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 625	-88	-88	34	139	
2012/13-2	MO-THO	srgt matrix spike	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	2.95	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-THO	srgt matrix spike, rec	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 8270Cm	-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	
2012/13-2	MO-THO	srgt matrix spike dup	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	2.87	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-THO	srgt matrix spike dup, rec	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	57	%	EPA 8270Cm	-88	-88	51	143	
2012/13-2	MO-THO	srgt environ	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	4	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-THO	srgt environ, rec	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 8270Cm	-88	-88	51	143	
2012/13-2	MO-VEN	srgt environ	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	23.8	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-VEN	srgt environ, rec	11/28/2012	Organic	Nitrobenzene-d5	n/a	=	48	%	EPA 625	-88	-88	34	139	D,DF
2012/13-2	MO-VEN	srgt environ	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	3.32	µg/L	EPA 8270Cm	-88	-88			D,DF
2012/13-2	MO-VEN	srgt environ, rec	11/29/2012	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 8270Cm	-88	-88	51	143	D,DF
2012/13-2	Lab	method blank	11/27/2012	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	N-Nitrosodimethylamine	n/a	=	12.6	µg/L	EPA 625	0.14	1			EUM
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	N-Nitrosodimethylamine	n/a	=	25	%	EPA 625	-88	-88	27	78	EUM
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	N-Nitrosodimethylamine	n/a	=	15.8	µg/L	EPA 625	0.14	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	N-Nitrosodimethylamine	n/a	=	32	%	EPA 625	-88	-88	22	70	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	N-Nitrosodimethylamine	n/a	=	16.3	µg/L	EPA 625	0.14	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	N-Nitrosodimethylamine	n/a	=	33	%	EPA 625	-88	-88	22	70	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	N-Nitrosodimethylamine	n/a	=	3	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	33.8	µg/L	EPA 625	0.26	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	68	%	EPA 625	-88	-88	0.1	230	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	36.6	µg/L	EPA 625	0.26	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	73	%	EPA 625	-88	-88	0.1	230	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	34.7	µg/L	EPA 625	0.26	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	69	%	EPA 625	-88	-88	0.1	230	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	N-Nitrosodi-N-propylamine	n/a	=	5	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-2	Lab	LCS	11/27/2012	Organic	N-Nitrosodiphenylamine	n/a	=	29.9	µg/L	EPA 625	0.19	1			
2012/13-2	Lab	LCS, rec	11/27/2012	Organic	N-Nitrosodiphenylamine	n/a	=	60	%	EPA 625	-88	-88	48	129	
2012/13-2	ME-SCR	matrix spike	11/27/2012	Organic	N-Nitrosodiphenylamine	n/a	=	31.4	µg/L	EPA 625	0.19	1			
2012/13-2	ME-SCR	matrix spike, rec	11/27/2012	Organic	N-Nitrosodiphenylamine	n/a	=	63	%	EPA 625	-88	-88	17	138	
2012/13-2	ME-SCR	matrix spike dup	11/27/2012	Organic	N-Nitrosodiphenylamine	n/a	=	28.3	µg/L	EPA 625	0.19	1			
2012/13-2	ME-SCR	matrix spike dup, rec	11/27/2012	Organic	N-Nitrosodiphenylamine	n/a	=	57	%	EPA 625	-88	-88	17	138	
2012/13-2	ME-SCR	matrix spike, RPD	11/27/2012	Organic	N-Nitrosodiphenylamine	n/a	=	10	%	EPA 625	-88	-88	0	30	
2012/13-2	Lab	srgt method blank	12/3/2012	Organic	Perylene-d12	n/a	=	4.34	µg/L	EPA 525.2	-88	-88			
2012/13-2	Lab	srgt method blank, rec	12/3/2012	Organic	Perylene-d12	n/a	=	87	%	EPA 525.2	-88	-88	48	141	
2012/13-2	Lab	srgt LCS	12/3/2012	Organic	Perylene-d12	n/a	=	5.38	µg/L	EPA 525.2	-88	-88			
2012/13-2	Lab	srgt LCS, rec	12/3/2012	Organic	Perylene-d12	n/a	=	108	%	EPA 525.2	-88	-88	48	141	
2012/13-2	Lab	srgt method blank	12/5/2012	Organic	Perylene-d12	n/a	=	5.82	µg/L	EPA 525.2	-88	-88			
2012/13-2	Lab	srgt method blank, rec	12/5/2012	Organic	Perylene-d12	n/a	=	116	%	EPA 525.2	-88	-88	48	141	
2012/13-2	Lab	srgt LCS	12/5/2012	Organic	Perylene-d12	n/a	=	6.29	µg/L	EPA 525.2	-88	-88			
2012/13-2	Lab	srgt LCS, rec	12/5/2012	Organic	Perylene-d12	n/a	=	126	%	EPA 525.2	-88	-88	48	141	
2012/13-2	ME-CC	srgt environ	12/4/2012	Organic	Perylene-d12	n/a	=	4.13	µg/L	EPA 525.2	-88	-88			
2012/13-2	ME-CC	srgt environ, rec	12/4/2012	Organic	Perylene-d12	n/a	=	83	%	EPA 525.2	-88	-88	48	141	
2012/13-2	ME-SCR	srgt matrix spike	12/3/2012	Organic	Perylene-d12	n/a	=	4.68	µg/L	EPA 525.2	-88	-88			
2012/13-2	ME-SCR	srgt matrix spike, rec	12/3/2012	Organic	Perylene-d12	n/a	=	94	%	EPA 525.2	-88	-88	48	141	
2012/13-2	ME-SCR	srgt matrix spike dup	12/3/2012	Organic	Perylene-d12	n/a	=	4.22	µg/L	EPA 525.2	-88	-88			
2012/13-2	ME-SCR	srgt matrix spike dup, rec	12/3/2012	Organic	Perylene-d12	n/a	=	84	%	EPA 525.2	-88	-88	48	141	
2012/13-2	ME-SCR	srgt environ	12/4/2012	Organic	Perylene-d12	n/a	=	4.17	µg/L	EPA 525.2	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	ME-SCR	srgt environ, rec	12/4/2012	Organic	Perylene-d12	n/a	=	83	%	EPA 525.2	-88	-88	48	141	
2012/13-2	ME-VR2	srgt environ	12/4/2012	Organic	Perylene-d12	n/a	=	4.21	µg/L	EPA 525.2	-88	-88			
2012/13-2	ME-VR2	srgt environ, rec	12/4/2012	Organic	Perylene-d12	n/a	=	84	%	EPA 525.2	-88	-88	48	141	
2012/13-2	MO-CAM	srgt environ	12/4/2012	Organic	Perylene-d12	n/a	=	2.94	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-CAM	srgt environ, rec	12/4/2012	Organic	Perylene-d12	n/a	=	59	%	EPA 525.2	-88	-88	48	141	
2012/13-2	MO-FIL	srgt environ	12/4/2012	Organic	Perylene-d12	n/a	=	2.2	µg/L	EPA 525.2	-88	-88			GN
2012/13-2	MO-FIL	srgt environ, rec	12/4/2012	Organic	Perylene-d12	n/a	=	44	%	EPA 525.2	-88	-88	48	141	GN
2012/13-2	MO-HUE	srgt environ	12/6/2012	Organic	Perylene-d12	n/a	=	2.32	µg/L	EPA 525.2	-88	-88			GN
2012/13-2	MO-HUE	srgt environ, rec	12/6/2012	Organic	Perylene-d12	n/a	=	46	%	EPA 525.2	-88	-88	48	141	GN
2012/13-2	MO-MEI	srgt environ	12/4/2012	Organic	Perylene-d12	n/a	=	2.15	µg/L	EPA 525.2	-88	-88			GN
2012/13-2	MO-MEI	srgt environ, rec	12/4/2012	Organic	Perylene-d12	n/a	=	43	%	EPA 525.2	-88	-88	48	141	GN
2012/13-2	MO-MPK	srgt environ	12/4/2012	Organic	Perylene-d12	n/a	=	1.88	µg/L	EPA 525.2	-88	-88			GN
2012/13-2	MO-MPK	srgt environ, rec	12/4/2012	Organic	Perylene-d12	n/a	=	38	%	EPA 525.2	-88	-88	48	141	GN
2012/13-2	MO-OJA	srgt environ	12/4/2012	Organic	Perylene-d12	n/a	=	3.34	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-OJA	srgt environ, rec	12/4/2012	Organic	Perylene-d12	n/a	=	67	%	EPA 525.2	-88	-88	48	141	
2012/13-2	MO-OXN	srgt matrix spike	12/5/2012	Organic	Perylene-d12	n/a	=	3.15	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-OXN	srgt matrix spike, rec	12/5/2012	Organic	Perylene-d12	n/a	=	63	%	EPA 525.2	-88	-88	48	141	
2012/13-2	MO-OXN	srgt matrix spike dup	12/5/2012	Organic	Perylene-d12	n/a	=	2.48	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-OXN	srgt matrix spike dup, rec	12/5/2012	Organic	Perylene-d12	n/a	=	50	%	EPA 525.2	-88	-88	48	141	
2012/13-2	MO-OXN	srgt environ	12/6/2012	Organic	Perylene-d12	n/a	=	2.76	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-OXN	srgt environ, rec	12/6/2012	Organic	Perylene-d12	n/a	=	55	%	EPA 525.2	-88	-88	48	141	
2012/13-2	MO-SIM	srgt environ	12/4/2012	Organic	Perylene-d12	n/a	=	2.17	µg/L	EPA 525.2	-88	-88			GN
2012/13-2	MO-SIM	srgt environ, rec	12/4/2012	Organic	Perylene-d12	n/a	=	43	%	EPA 525.2	-88	-88	48	141	GN
2012/13-2	MO-SPA	srgt environ	12/4/2012	Organic	Perylene-d12	n/a	=	2.21	µg/L	EPA 525.2	-88	-88			GN
2012/13-2	MO-SPA	srgt environ, rec	12/4/2012	Organic	Perylene-d12	n/a	=	46	%	EPA 525.2	-88	-88	48	141	GN
2012/13-2	MO-THO	srgt environ	12/4/2012	Organic	Perylene-d12	n/a	=	4.16	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-THO	srgt environ, rec	12/4/2012	Organic	Perylene-d12	n/a	=	83	%	EPA 525.2	-88	-88	48	141	
2012/13-2	MO-VEN	srgt environ	12/4/2012	Organic	Perylene-d12	n/a	=	2.29	µg/L	EPA 525.2	-88	-88			GN
2012/13-2	MO-VEN	srgt environ, rec	12/4/2012	Organic	Perylene-d12	n/a	=	46	%	EPA 525.2	-88	-88	48	141	GN
2012/13-2	Lab	method blank	11/28/2012	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS	11/28/2012	Organic	Phenanthrene	n/a	=	3.89	µg/L	EPA 8270Cm	0.1	0.1			EUM
2012/13-2	Lab	LCS, rec	11/28/2012	Organic	Phenanthrene	n/a	=	39	%	EPA 8270Cm	-88	-88	54	120	EUM
2012/13-2	MO-THO	matrix spike	11/28/2012	Organic	Phenanthrene	n/a	=	3.82	µg/L	EPA 8270Cm	0.1	0.1			GB
2012/13-2	MO-THO	matrix spike, rec	11/28/2012	Organic	Phenanthrene	n/a	=	38	%	EPA 8270Cm	-88	-88	54	120	GB
2012/13-2	MO-THO	matrix spike dup	11/28/2012	Organic	Phenanthrene	n/a	=	3.64	µg/L	EPA 8270Cm	0.1	0.1			GB
2012/13-2	MO-THO	matrix spike dup, rec	11/28/2012	Organic	Phenanthrene	n/a	=	36	%	EPA 8270Cm	-88	-88	54	120	GB
2012/13-2	MO-THO	matrix spike, RPD	11/28/2012	Organic	Phenanthrene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	GB
2012/13-2	Lab	method blank	11/29/2012	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1			
2012/13-2	Lab	LCS	11/29/2012	Organic	Phenol	n/a	=	1.9	µg/L	EPA 8270Cm	0.35	1			
2012/13-2	Lab	LCS, rec	11/29/2012	Organic	Phenol	n/a	=	19	%	EPA 8270Cm	-88	-88	14	40	
2012/13-2	MO-THO	matrix spike	11/29/2012	Organic	Phenol	n/a	=	3.09	µg/L	EPA 8270Cm	0.35	1			
2012/13-2	MO-THO	matrix spike, rec	11/29/2012	Organic	Phenol	n/a	=	31	%	EPA 8270Cm	-88	-88	14	50	
2012/13-2	MO-THO	matrix spike dup	11/29/2012	Organic	Phenol	n/a	=	2.75	µg/L	EPA 8270Cm	0.35	1			
2012/13-2	MO-THO	matrix spike dup, rec	11/29/2012	Organic	Phenol	n/a	=	28	%	EPA 8270Cm	-88	-88	14	50	
2012/13-2	MO-THO	matrix spike, RPD	11/29/2012	Organic	Phenol	n/a	=	12	%	EPA 8270Cm	-88	-88	0	30	
2012/13-2	Lab	srgt method blank	11/27/2012	Organic	Phenol-d5	n/a	=	22.4	µg/L	EPA 625	-88	-88			
2012/13-2	Lab	srgt method blank, rec	11/27/2012	Organic	Phenol-d5	n/a	=	22	%	EPA 625	-88	-88	2	70	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	Lab	srgt LCS	11/27/2012	Organic	Phenol-d5	n/a	=	21.7	µg/L	EPA 625	-88	-88			
2012/13-2	Lab	srgt LCS, rec	11/27/2012	Organic	Phenol-d5	n/a	=	22	%	EPA 625	-88	-88	2	70	
2012/13-2	Lab	srgt method blank	11/29/2012	Organic	Phenol-d5	n/a	=	2.65	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	Lab	srgt method blank, rec	11/29/2012	Organic	Phenol-d5	n/a	=	26	%	EPA 8270Cm	-88	-88	13	58	
2012/13-2	Lab	srgt LCS	11/29/2012	Organic	Phenol-d5	n/a	=	2.09	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	Lab	srgt LCS, rec	11/29/2012	Organic	Phenol-d5	n/a	=	21	%	EPA 8270Cm	-88	-88	13	58	
2012/13-2	ME-CC	srgt environ	11/27/2012	Organic	Phenol-d5	n/a	=	22.1	µg/L	EPA 625	-88	-88			
2012/13-2	ME-CC	srgt environ, rec	11/27/2012	Organic	Phenol-d5	n/a	=	22	%	EPA 625	-88	-88	2	70	
2012/13-2	ME-CC	srgt environ	11/29/2012	Organic	Phenol-d5	n/a	=	2.3	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	ME-CC	srgt environ, rec	11/29/2012	Organic	Phenol-d5	n/a	=	23	%	EPA 8270Cm	-88	-88	13	58	
2012/13-2	ME-SCR	srgt matrix spike	11/27/2012	Organic	Phenol-d5	n/a	=	20.6	µg/L	EPA 625	-88	-88			
2012/13-2	ME-SCR	srgt matrix spike, rec	11/27/2012	Organic	Phenol-d5	n/a	=	21	%	EPA 625	-88	-88	2	70	
2012/13-2	ME-SCR	srgt matrix spike dup	11/27/2012	Organic	Phenol-d5	n/a	=	20.4	µg/L	EPA 625	-88	-88			
2012/13-2	ME-SCR	srgt matrix spike dup, rec	11/27/2012	Organic	Phenol-d5	n/a	=	20	%	EPA 625	-88	-88	2	70	
2012/13-2	ME-SCR	srgt environ	11/27/2012	Organic	Phenol-d5	n/a	=	18.2	µg/L	EPA 625	-88	-88			
2012/13-2	ME-SCR	srgt environ, rec	11/27/2012	Organic	Phenol-d5	n/a	=	18	%	EPA 625	-88	-88	2	70	
2012/13-2	ME-SCR	srgt environ	11/29/2012	Organic	Phenol-d5	n/a	=	2.3	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	ME-SCR	srgt environ, rec	11/29/2012	Organic	Phenol-d5	n/a	=	23	%	EPA 8270Cm	-88	-88	13	58	
2012/13-2	ME-VR2	srgt environ	11/27/2012	Organic	Phenol-d5	n/a	=	18.9	µg/L	EPA 625	-88	-88			
2012/13-2	ME-VR2	srgt environ, rec	11/27/2012	Organic	Phenol-d5	n/a	=	19	%	EPA 625	-88	-88	2	70	
2012/13-2	ME-VR2	srgt environ	11/29/2012	Organic	Phenol-d5	n/a	=	2.27	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	ME-VR2	srgt environ, rec	11/29/2012	Organic	Phenol-d5	n/a	=	23	%	EPA 8270Cm	-88	-88	13	58	
2012/13-2	MO-CAM	srgt environ	11/28/2012	Organic	Phenol-d5	n/a	=	19.8	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-CAM	srgt environ, rec	11/28/2012	Organic	Phenol-d5	n/a	=	20	%	EPA 625	-88	-88	2	70	D,DF
2012/13-2	MO-CAM	srgt environ	11/29/2012	Organic	Phenol-d5	n/a	=	2.88	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-CAM	srgt environ, rec	11/29/2012	Organic	Phenol-d5	n/a	=	29	%	EPA 8270Cm	-88	-88	13	58	
2012/13-2	MO-FIL	srgt environ	11/28/2012	Organic	Phenol-d5	n/a	=	23.7	µg/L	EPA 625	-88	-88			
2012/13-2	MO-FIL	srgt environ, rec	11/28/2012	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	2	70	
2012/13-2	MO-FIL	srgt environ	11/29/2012	Organic	Phenol-d5	n/a	=	2.81	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-FIL	srgt environ, rec	11/29/2012	Organic	Phenol-d5	n/a	=	28	%	EPA 8270Cm	-88	-88	13	58	
2012/13-2	MO-HUE	srgt environ	11/28/2012	Organic	Phenol-d5	n/a	=	28.5	µg/L	EPA 625	-88	-88			
2012/13-2	MO-HUE	srgt environ, rec	11/28/2012	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	2	70	
2012/13-2	MO-HUE	srgt environ	11/29/2012	Organic	Phenol-d5	n/a	=	2.65	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-HUE	srgt environ, rec	11/29/2012	Organic	Phenol-d5	n/a	=	26	%	EPA 8270Cm	-88	-88	13	58	
2012/13-2	MO-MEI	srgt environ	11/28/2012	Organic	Phenol-d5	n/a	=	22	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-MEI	srgt environ, rec	11/28/2012	Organic	Phenol-d5	n/a	=	22	%	EPA 625	-88	-88	2	70	D,DF
2012/13-2	MO-MEI	srgt environ	11/29/2012	Organic	Phenol-d5	n/a	=	2.88	µg/L	EPA 8270Cm	-88	-88			D,DF
2012/13-2	MO-MEI	srgt environ, rec	11/29/2012	Organic	Phenol-d5	n/a	=	27	%	EPA 8270Cm	-88	-88	13	58	D,DF
2012/13-2	MO-MPK	srgt environ	11/28/2012	Organic	Phenol-d5	n/a	=	31.4	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-MPK	srgt environ, rec	11/28/2012	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	2	70	D,DF
2012/13-2	MO-MPK	srgt environ	11/29/2012	Organic	Phenol-d5	n/a	=	3.86	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-MPK	srgt environ, rec	11/29/2012	Organic	Phenol-d5	n/a	=	39	%	EPA 8270Cm	-88	-88	13	58	
2012/13-2	MO-OJA	srgt environ	11/28/2012	Organic	Phenol-d5	n/a	=	25.1	µg/L	EPA 625	-88	-88			
2012/13-2	MO-OJA	srgt environ, rec	11/28/2012	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	2	70	
2012/13-2	MO-OJA	srgt environ	11/29/2012	Organic	Phenol-d5	n/a	=	2.84	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-OJA	srgt environ, rec	11/29/2012	Organic	Phenol-d5	n/a	=	28	%	EPA 8270Cm	-88	-88	13	58	
2012/13-2	MO-OXN	srgt environ	11/28/2012	Organic	Phenol-d5	n/a	=	21.3	µg/L	EPA 625	-88	-88			D,DF

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	MO-OXN	srgt environ, rec	11/28/2012	Organic	Phenol-d5	n/a	=	21	%	EPA 625	-88	-88	2	70	D,DF
2012/13-2	MO-OXN	srgt environ	11/29/2012	Organic	Phenol-d5	n/a	=	2.54	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-OXN	srgt environ, rec	11/29/2012	Organic	Phenol-d5	n/a	=	25	%	EPA 8270Cm	-88	-88	13	58	
2012/13-2	MO-SIM	srgt environ	11/28/2012	Organic	Phenol-d5	n/a	=	20.8	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-SIM	srgt environ, rec	11/28/2012	Organic	Phenol-d5	n/a	=	21	%	EPA 625	-88	-88	2	70	D,DF
2012/13-2	MO-SIM	srgt environ	11/29/2012	Organic	Phenol-d5	n/a	=	2.52	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-SIM	srgt environ, rec	11/29/2012	Organic	Phenol-d5	n/a	=	25	%	EPA 8270Cm	-88	-88	13	58	
2012/13-2	MO-SPA	srgt environ	11/28/2012	Organic	Phenol-d5	n/a	=	16.4	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-SPA	srgt environ, rec	11/28/2012	Organic	Phenol-d5	n/a	=	17	%	EPA 625	-88	-88	2	70	D,DF
2012/13-2	MO-SPA	srgt environ	11/29/2012	Organic	Phenol-d5	n/a	=	2.44	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-SPA	srgt environ, rec	11/29/2012	Organic	Phenol-d5	n/a	=	24	%	EPA 8270Cm	-88	-88	13	58	
2012/13-2	MO-THO	srgt environ	11/28/2012	Organic	Phenol-d5	n/a	=	26.4	µg/L	EPA 625	-88	-88			
2012/13-2	MO-THO	srgt environ, rec	11/28/2012	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	2	70	
2012/13-2	MO-THO	srgt matrix spike	11/29/2012	Organic	Phenol-d5	n/a	=	3.44	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-THO	srgt matrix spike, rec	11/29/2012	Organic	Phenol-d5	n/a	=	34	%	EPA 8270Cm	-88	-88	13	58	
2012/13-2	MO-THO	srgt matrix spike dup	11/29/2012	Organic	Phenol-d5	n/a	=	3.03	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-THO	srgt matrix spike dup, rec	11/29/2012	Organic	Phenol-d5	n/a	=	30	%	EPA 8270Cm	-88	-88	13	58	
2012/13-2	MO-THO	srgt environ	11/29/2012	Organic	Phenol-d5	n/a	=	2.45	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-THO	srgt environ, rec	11/29/2012	Organic	Phenol-d5	n/a	=	24	%	EPA 8270Cm	-88	-88	13	58	
2012/13-2	MO-VEN	srgt environ	11/28/2012	Organic	Phenol-d5	n/a	=	16.8	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-VEN	srgt environ, rec	11/28/2012	Organic	Phenol-d5	n/a	=	17	%	EPA 625	-88	-88	2	70	D,DF
2012/13-2	MO-VEN	srgt environ	11/29/2012	Organic	Phenol-d5	n/a	=	2.8	µg/L	EPA 8270Cm	-88	-88			D,DF
2012/13-2	MO-VEN	srgt environ, rec	11/29/2012	Organic	Phenol-d5	n/a	=	27	%	EPA 8270Cm	-88	-88	13	58	D,DF
2012/13-2	Lab	srgt method blank	11/27/2012	Organic	p-Terphenyl-d14	n/a	=	35.3	µg/L	EPA 625	-88	-88			
2012/13-2	Lab	srgt method blank, rec	11/27/2012	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 625	-88	-88	6	145	
2012/13-2	Lab	srgt LCS	11/27/2012	Organic	p-Terphenyl-d14	n/a	=	39.3	µg/L	EPA 625	-88	-88			
2012/13-2	Lab	srgt LCS, rec	11/27/2012	Organic	p-Terphenyl-d14	n/a	=	79	%	EPA 625	-88	-88	6	145	
2012/13-2	Lab	srgt method blank	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	3.31	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	Lab	srgt method blank, rec	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	66	%	EPA 8270Cm	-88	-88	19	134	
2012/13-2	Lab	srgt LCS	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	3.14	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	Lab	srgt LCS, rec	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	63	%	EPA 8270Cm	-88	-88	19	134	
2012/13-2	ME-CC	srgt environ	11/27/2012	Organic	p-Terphenyl-d14	n/a	=	41.3	µg/L	EPA 625	-88	-88			
2012/13-2	ME-CC	srgt environ, rec	11/27/2012	Organic	p-Terphenyl-d14	n/a	=	83	%	EPA 625	-88	-88	6	145	
2012/13-2	ME-CC	srgt environ	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	2.66	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	ME-CC	srgt environ, rec	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	53	%	EPA 8270Cm	-88	-88	19	134	
2012/13-2	ME-SCR	srgt matrix spike	11/27/2012	Organic	p-Terphenyl-d14	n/a	=	39.9	µg/L	EPA 625	-88	-88			
2012/13-2	ME-SCR	srgt matrix spike, rec	11/27/2012	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 625	-88	-88	6	145	
2012/13-2	ME-SCR	srgt matrix spike dup	11/27/2012	Organic	p-Terphenyl-d14	n/a	=	36.5	µg/L	EPA 625	-88	-88			
2012/13-2	ME-SCR	srgt matrix spike dup, rec	11/27/2012	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 625	-88	-88	6	145	
2012/13-2	ME-SCR	srgt environ	11/27/2012	Organic	p-Terphenyl-d14	n/a	=	32.2	µg/L	EPA 625	-88	-88			
2012/13-2	ME-SCR	srgt environ, rec	11/27/2012	Organic	p-Terphenyl-d14	n/a	=	64	%	EPA 625	-88	-88	6	145	
2012/13-2	ME-SCR	srgt environ	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	2.66	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	ME-SCR	srgt environ, rec	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	53	%	EPA 8270Cm	-88	-88	19	134	
2012/13-2	ME-VR2	srgt environ	11/27/2012	Organic	p-Terphenyl-d14	n/a	=	36.4	µg/L	EPA 625	-88	-88			
2012/13-2	ME-VR2	srgt environ, rec	11/27/2012	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 625	-88	-88	6	145	
2012/13-2	ME-VR2	srgt environ	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	2.68	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	ME-VR2	srgt environ, rec	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	54	%	EPA 8270Cm	-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	
2012/13-2	MO-CAM	srgt environ	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	32.2	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-CAM	srgt environ, rec	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	64	%	EPA 625	-88	-88	6	145	D,DF
2012/13-2	MO-CAM	srgt environ	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	2.47	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-CAM	srgt environ, rec	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	49	%	EPA 8270Cm	-88	-88	19	134	
2012/13-2	MO-FIL	srgt environ	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	40.4	µg/L	EPA 625	-88	-88			
2012/13-2	MO-FIL	srgt environ, rec	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	81	%	EPA 625	-88	-88	6	145	
2012/13-2	MO-FIL	srgt environ	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	2.46	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-FIL	srgt environ, rec	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	49	%	EPA 8270Cm	-88	-88	19	134	
2012/13-2	MO-HUE	srgt environ	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	42.9	µg/L	EPA 625	-88	-88			
2012/13-2	MO-HUE	srgt environ, rec	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 625	-88	-88	6	145	
2012/13-2	MO-HUE	srgt environ	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	2.59	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-HUE	srgt environ, rec	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	52	%	EPA 8270Cm	-88	-88	19	134	
2012/13-2	MO-MEI	srgt environ	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	31.5	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-MEI	srgt environ, rec	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	63	%	EPA 625	-88	-88	6	145	D,DF
2012/13-2	MO-MEI	srgt environ	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	2.16	µg/L	EPA 8270Cm	-88	-88			D,DF
2012/13-2	MO-MEI	srgt environ, rec	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	41	%	EPA 8270Cm	-88	-88	19	134	D,DF
2012/13-2	MO-MPK	srgt environ	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	32.2	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-MPK	srgt environ, rec	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	64	%	EPA 625	-88	-88	6	145	D,DF
2012/13-2	MO-MPK	srgt environ	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	2.15	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-MPK	srgt environ, rec	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	43	%	EPA 8270Cm	-88	-88	19	134	
2012/13-2	MO-OJA	srgt environ	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	38.9	µg/L	EPA 625	-88	-88			
2012/13-2	MO-OJA	srgt environ, rec	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 625	-88	-88	6	145	
2012/13-2	MO-OJA	srgt environ	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	2.35	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-OJA	srgt environ, rec	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	47	%	EPA 8270Cm	-88	-88	19	134	
2012/13-2	MO-OXN	srgt environ	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	33.6	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-OXN	srgt environ, rec	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 625	-88	-88	6	145	D,DF
2012/13-2	MO-OXN	srgt environ	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	2.65	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-OXN	srgt environ, rec	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	53	%	EPA 8270Cm	-88	-88	19	134	
2012/13-2	MO-SIM	srgt environ	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	42.4	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-SIM	srgt environ, rec	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	85	%	EPA 625	-88	-88	6	145	D,DF
2012/13-2	MO-SIM	srgt environ	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	3.29	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-SIM	srgt environ, rec	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	66	%	EPA 8270Cm	-88	-88	19	134	
2012/13-2	MO-SPA	srgt environ	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	26.2	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-SPA	srgt environ, rec	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	55	%	EPA 625	-88	-88	6	145	D,DF
2012/13-2	MO-SPA	srgt environ	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	1.92	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-SPA	srgt environ, rec	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	38	%	EPA 8270Cm	-88	-88	19	134	
2012/13-2	MO-THO	srgt environ	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	37	µg/L	EPA 625	-88	-88			
2012/13-2	MO-THO	srgt environ, rec	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	74	%	EPA 625	-88	-88	6	145	
2012/13-2	MO-THO	srgt matrix spike	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	2.65	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-THO	srgt matrix spike, rec	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	53	%	EPA 8270Cm	-88	-88	19	134	
2012/13-2	MO-THO	srgt matrix spike dup	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	1.94	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-THO	srgt matrix spike dup, rec	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	39	%	EPA 8270Cm	-88	-88	19	134	
2012/13-2	MO-THO	srgt environ	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	2.59	µg/L	EPA 8270Cm	-88	-88			
2012/13-2	MO-THO	srgt environ, rec	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	52	%	EPA 8270Cm	-88	-88	19	134	
2012/13-2	MO-VEN	srgt environ	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	26.5	µg/L	EPA 625	-88	-88			D,DF
2012/13-2	MO-VEN	srgt environ, rec	11/28/2012	Organic	p-Terphenyl-d14	n/a	=	53	%	EPA 625	-88	-88	6	145	D,DF
2012/13-2	MO-VEN	srgt environ	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	2.4	µg/L	EPA 8270Cm	-88	-88			D,DF

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	MO-VEN	srgt environ, rec	11/29/2012	Organic	p-Terphenyl-d14	n/a	=	46	%	EPA 8270Cm	-88	-88	19	134	D,DF
2012/13-2	Lab	method blank	11/28/2012	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-2	Lab	LCS	11/28/2012	Organic	Pyrene	n/a	=	5.02	µg/L	EPA 8270Cm	0.1	0.1			EUM
2012/13-2	Lab	LCS, rec	11/28/2012	Organic	Pyrene	n/a	=	50	%	EPA 8270Cm	-88	-88	52	115	EUM
2012/13-2	MO-THO	matrix spike	11/28/2012	Organic	Pyrene	n/a	=	4.15	µg/L	EPA 8270Cm	0.1	0.1			GB
2012/13-2	MO-THO	matrix spike, rec	11/28/2012	Organic	Pyrene	n/a	=	41	%	EPA 8270Cm	-88	-88	52	115	GB
2012/13-2	MO-THO	matrix spike dup	11/28/2012	Organic	Pyrene	n/a	=	3.23	µg/L	EPA 8270Cm	0.1	0.1			GB
2012/13-2	MO-THO	matrix spike dup, rec	11/28/2012	Organic	Pyrene	n/a	=	32	%	EPA 8270Cm	-88	-88	52	115	GB
2012/13-2	MO-THO	matrix spike, RPD	11/28/2012	Organic	Pyrene	n/a	=	25	%	EPA 8270Cm	-88	-88	0	30	GB
2012/13-2	Lab	srgt method blank	11/27/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0389	µg/L	EPA 608	-88	-88			
2012/13-2	Lab	srgt method blank, rec	11/27/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	39	%	EPA 608	-88	-88	26	131	
2012/13-2	Lab	srgt LCS	11/27/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0383	µg/L	EPA 608	-88	-88			
2012/13-2	Lab	srgt LCS, rec	11/27/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	38	%	EPA 608	-88	-88	26	131	
2012/13-2	ME-CC	srgt environ	11/27/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0499	µg/L	EPA 608	-88	-88			
2012/13-2	ME-CC	srgt environ, rec	11/27/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	50	%	EPA 608	-88	-88	26	131	
2012/13-2	ME-SCR	srgt environ	11/27/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0524	µg/L	EPA 608	-88	-88			
2012/13-2	ME-SCR	srgt environ, rec	11/27/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 608	-88	-88	26	131	
2012/13-2	ME-VR2	srgt matrix spike	11/27/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0543	µg/L	EPA 608	-88	-88			
2012/13-2	ME-VR2	srgt matrix spike, rec	11/27/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	54	%	EPA 608	-88	-88	26	131	
2012/13-2	ME-VR2	srgt matrix spike dup	11/27/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0343	µg/L	EPA 608	-88	-88			
2012/13-2	ME-VR2	srgt matrix spike dup, rec	11/27/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	34	%	EPA 608	-88	-88	26	131	
2012/13-2	ME-VR2	srgt environ	11/27/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0556	µg/L	EPA 608	-88	-88			
2012/13-2	ME-VR2	srgt environ, rec	11/27/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	56	%	EPA 608	-88	-88	26	131	
2012/13-2	MO-CAM	srgt environ	11/27/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0559	µg/L	EPA 608	-88	-88			
2012/13-2	MO-CAM	srgt environ, rec	11/27/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	56	%	EPA 608	-88	-88	26	131	
2012/13-2	MO-FIL	srgt environ	11/28/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.049	µg/L	EPA 608	-88	-88			
2012/13-2	MO-FIL	srgt environ, rec	11/28/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	49	%	EPA 608	-88	-88	26	131	
2012/13-2	MO-HUE	srgt environ	11/28/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0553	µg/L	EPA 608	-88	-88			
2012/13-2	MO-HUE	srgt environ, rec	11/28/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	55	%	EPA 608	-88	-88	26	131	
2012/13-2	MO-MEI	srgt environ	11/28/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0454	µg/L	EPA 608	-88	-88			
2012/13-2	MO-MEI	srgt environ, rec	11/28/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	45	%	EPA 608	-88	-88	26	131	
2012/13-2	MO-MPK	srgt environ	11/28/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0566	µg/L	EPA 608	-88	-88			
2012/13-2	MO-MPK	srgt environ, rec	11/28/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	57	%	EPA 608	-88	-88	26	131	
2012/13-2	MO-OJA	srgt environ	11/28/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0485	µg/L	EPA 608	-88	-88			
2012/13-2	MO-OJA	srgt environ, rec	11/28/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	48	%	EPA 608	-88	-88	26	131	
2012/13-2	MO-OXN	srgt environ	11/28/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0754	µg/L	EPA 608	-88	-88			
2012/13-2	MO-OXN	srgt environ, rec	11/28/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	75	%	EPA 608	-88	-88	26	131	
2012/13-2	MO-SIM	srgt environ	11/28/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0462	µg/L	EPA 608	-88	-88			
2012/13-2	MO-SIM	srgt environ, rec	11/28/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	46	%	EPA 608	-88	-88	26	131	
2012/13-2	MO-SPA	srgt environ	11/28/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.064	µg/L	EPA 608	-88	-88			
2012/13-2	MO-SPA	srgt environ, rec	11/28/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	64	%	EPA 608	-88	-88	26	131	
2012/13-2	MO-THO	srgt environ	11/28/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0572	µg/L	EPA 608	-88	-88			
2012/13-2	MO-THO	srgt environ, rec	11/28/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	57	%	EPA 608	-88	-88	26	131	
2012/13-2	MO-VEN	srgt environ	11/28/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0718	µg/L	EPA 608	-88	-88			
2012/13-2	MO-VEN	srgt environ, rec	11/28/2012	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	68	%	EPA 608	-88	-88	26	131	
2012/13-2	Lab	srgt method blank	12/3/2012	Organic	Triphenylphosphate	n/a	=	3.89	µg/L	EPA 525.2	-88	-88			
2012/13-2	Lab	srgt method blank, rec	12/3/2012	Organic	Triphenylphosphate	n/a	=	78	%	EPA 525.2	-88	-88	71	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	
2012/13-2	Lab	srgt LCS	12/3/2012	Organic	Triphenylphosphate	n/a	=	4.9	µg/L	EPA 525.2	-88	-88			
2012/13-2	Lab	srgt LCS, rec	12/3/2012	Organic	Triphenylphosphate	n/a	=	98	%	EPA 525.2	-88	-88	71	150	
2012/13-2	Lab	srgt method blank	12/5/2012	Organic	Triphenylphosphate	n/a	=	4.87	µg/L	EPA 525.2	-88	-88			
2012/13-2	Lab	srgt method blank, rec	12/5/2012	Organic	Triphenylphosphate	n/a	=	97	%	EPA 525.2	-88	-88	71	150	
2012/13-2	Lab	srgt LCS	12/5/2012	Organic	Triphenylphosphate	n/a	=	5.03	µg/L	EPA 525.2	-88	-88			
2012/13-2	Lab	srgt LCS, rec	12/5/2012	Organic	Triphenylphosphate	n/a	=	101	%	EPA 525.2	-88	-88	71	150	
2012/13-2	Lab	srgt LCS	12/13/2012	Organic	Triphenylphosphate	n/a	=	0.637	µg/L	EPA 525.2	-88	-88			
2012/13-2	Lab	srgt LCS, rec	12/13/2012	Organic	Triphenylphosphate	n/a	=	127	%	EPA 525.2	-88	-88	71	150	
2012/13-2	Lab	srgt method blank	12/13/2012	Organic	Triphenylphosphate	n/a	=	0.423	µg/L	EPA 525.2	-88	-88			
2012/13-2	Lab	srgt method blank, rec	12/13/2012	Organic	Triphenylphosphate	n/a	=	85	%	EPA 525.2	-88	-88	71	150	
2012/13-2	Lab	srgt LCS	12/14/2012	Organic	Triphenylphosphate	n/a	=	0.723	µg/L	EPA 525.2	-88	-88			
2012/13-2	Lab	srgt LCS, rec	12/14/2012	Organic	Triphenylphosphate	n/a	=	145	%	EPA 525.2	-88	-88	71	150	
2012/13-2	Lab	srgt method blank	12/14/2012	Organic	Triphenylphosphate	n/a	=	0.593	µg/L	EPA 525.2	-88	-88			
2012/13-2	Lab	srgt method blank, rec	12/14/2012	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	71	150	
2012/13-2	ME-CC	srgt environ	12/4/2012	Organic	Triphenylphosphate	n/a	=	3.71	µg/L	EPA 525.2	-88	-88			
2012/13-2	ME-CC	srgt environ, rec	12/4/2012	Organic	Triphenylphosphate	n/a	=	74	%	EPA 525.2	-88	-88	71	150	
2012/13-2	ME-CC	srgt environ	12/13/2012	Organic	Triphenylphosphate	n/a	=	0.737	µg/L	EPA 525.2	-88	-88			
2012/13-2	ME-CC	srgt environ, rec	12/13/2012	Organic	Triphenylphosphate	n/a	=	147	%	EPA 525.2	-88	-88	71	150	
2012/13-2	ME-SCR	srgt matrix spike	12/3/2012	Organic	Triphenylphosphate	n/a	=	4.01	µg/L	EPA 525.2	-88	-88			
2012/13-2	ME-SCR	srgt matrix spike, rec	12/3/2012	Organic	Triphenylphosphate	n/a	=	80	%	EPA 525.2	-88	-88	71	150	
2012/13-2	ME-SCR	srgt matrix spike dup	12/3/2012	Organic	Triphenylphosphate	n/a	=	4.2	µg/L	EPA 525.2	-88	-88			
2012/13-2	ME-SCR	srgt matrix spike dup, rec	12/3/2012	Organic	Triphenylphosphate	n/a	=	84	%	EPA 525.2	-88	-88	71	150	
2012/13-2	ME-SCR	srgt environ	12/4/2012	Organic	Triphenylphosphate	n/a	=	3.93	µg/L	EPA 525.2	-88	-88			
2012/13-2	ME-SCR	srgt environ, rec	12/4/2012	Organic	Triphenylphosphate	n/a	=	79	%	EPA 525.2	-88	-88	71	150	
2012/13-2	ME-SCR	srgt environ	12/13/2012	Organic	Triphenylphosphate	n/a	=	0.606	µg/L	EPA 525.2	-88	-88			
2012/13-2	ME-SCR	srgt environ, rec	12/13/2012	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	71	150	
2012/13-2	ME-VR2	srgt environ	12/4/2012	Organic	Triphenylphosphate	n/a	=	3.94	µg/L	EPA 525.2	-88	-88			
2012/13-2	ME-VR2	srgt environ, rec	12/4/2012	Organic	Triphenylphosphate	n/a	=	79	%	EPA 525.2	-88	-88	71	150	
2012/13-2	ME-VR2	srgt environ	12/13/2012	Organic	Triphenylphosphate	n/a	=	0.57	µg/L	EPA 525.2	-88	-88			
2012/13-2	ME-VR2	srgt environ, rec	12/13/2012	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	71	150	
2012/13-2	MO-CAM	srgt environ	12/4/2012	Organic	Triphenylphosphate	n/a	=	3.57	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-CAM	srgt environ, rec	12/4/2012	Organic	Triphenylphosphate	n/a	=	71	%	EPA 525.2	-88	-88	71	150	
2012/13-2	MO-CAM	srgt environ	12/13/2012	Organic	Triphenylphosphate	n/a	=	0.631	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-CAM	srgt environ, rec	12/13/2012	Organic	Triphenylphosphate	n/a	=	126	%	EPA 525.2	-88	-88	71	150	
2012/13-2	MO-CAM	srgt matrix spike	12/13/2012	Organic	Triphenylphosphate	n/a	=	0.697	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-CAM	srgt matrix spike dup	12/13/2012	Organic	Triphenylphosphate	n/a	=	0.647	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-CAM	srgt matrix spike dup, rec	12/13/2012	Organic	Triphenylphosphate	n/a	=	129	%	EPA 525.2	-88	-88	71	150	
2012/13-2	MO-CAM	srgt matrix spike, rec	12/13/2012	Organic	Triphenylphosphate	n/a	=	139	%	EPA 525.2	-88	-88	71	150	
2012/13-2	MO-FIL	srgt environ	12/4/2012	Organic	Triphenylphosphate	n/a	=	3.53	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-FIL	srgt environ, rec	12/4/2012	Organic	Triphenylphosphate	n/a	=	71	%	EPA 525.2	-88	-88	71	150	
2012/13-2	MO-FIL	srgt environ	12/13/2012	Organic	Triphenylphosphate	n/a	=	0.59	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-FIL	srgt environ, rec	12/13/2012	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	71	150	
2012/13-2	MO-HUE	srgt environ	12/6/2012	Organic	Triphenylphosphate	n/a	=	4.12	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-HUE	srgt environ, rec	12/6/2012	Organic	Triphenylphosphate	n/a	=	82	%	EPA 525.2	-88	-88	71	150	
2012/13-2	MO-HUE	srgt environ	12/14/2012	Organic	Triphenylphosphate	n/a	=	0.716	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-HUE	srgt environ, rec	12/14/2012	Organic	Triphenylphosphate	n/a	=	143	%	EPA 525.2	-88	-88	71	150	
2012/13-2	MO-HUE	srgt matrix spike	12/14/2012	Organic	Triphenylphosphate	n/a	=	0.712	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	
2012/13-2	MO-HUE	srgt matrix spike dup	12/14/2012	Organic	Triphenylphosphate	n/a	=	0.723	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-HUE	srgt matrix spike dup, rec	12/14/2012	Organic	Triphenylphosphate	n/a	=	145	%	EPA 525.2	-88	-88	71	150	
2012/13-2	MO-HUE	srgt matrix spike, rec	12/14/2012	Organic	Triphenylphosphate	n/a	=	142	%	EPA 525.2	-88	-88	71	150	
2012/13-2	MO-MEI	srgt environ	12/4/2012	Organic	Triphenylphosphate	n/a	=	3.39	µg/L	EPA 525.2	-88	-88			GN
2012/13-2	MO-MEI	srgt environ, rec	12/4/2012	Organic	Triphenylphosphate	n/a	=	68	%	EPA 525.2	-88	-88	71	150	GN
2012/13-2	MO-MEI	srgt environ	12/13/2012	Organic	Triphenylphosphate	n/a	=	0.647	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-MEI	srgt environ, rec	12/13/2012	Organic	Triphenylphosphate	n/a	=	129	%	EPA 525.2	-88	-88	71	150	
2012/13-2	MO-MPK	srgt environ	12/4/2012	Organic	Triphenylphosphate	n/a	=	3.15	µg/L	EPA 525.2	-88	-88			GN
2012/13-2	MO-MPK	srgt environ, rec	12/4/2012	Organic	Triphenylphosphate	n/a	=	63	%	EPA 525.2	-88	-88	71	150	GN
2012/13-2	MO-MPK	srgt environ	12/13/2012	Organic	Triphenylphosphate	n/a	=	0.62	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-MPK	srgt environ, rec	12/13/2012	Organic	Triphenylphosphate	n/a	=	124	%	EPA 525.2	-88	-88	71	150	
2012/13-2	MO-OJA	srgt environ	12/4/2012	Organic	Triphenylphosphate	n/a	=	3.51	µg/L	EPA 525.2	-88	-88			GN
2012/13-2	MO-OJA	srgt environ, rec	12/4/2012	Organic	Triphenylphosphate	n/a	=	70	%	EPA 525.2	-88	-88	71	150	GN
2012/13-2	MO-OJA	srgt environ	12/13/2012	Organic	Triphenylphosphate	n/a	=	0.685	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-OJA	srgt environ, rec	12/13/2012	Organic	Triphenylphosphate	n/a	=	137	%	EPA 525.2	-88	-88	71	150	
2012/13-2	MO-OXN	srgt matrix spike	12/5/2012	Organic	Triphenylphosphate	n/a	=	3.79	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-OXN	srgt matrix spike, rec	12/5/2012	Organic	Triphenylphosphate	n/a	=	76	%	EPA 525.2	-88	-88	71	150	
2012/13-2	MO-OXN	srgt matrix spike dup	12/5/2012	Organic	Triphenylphosphate	n/a	=	3.44	µg/L	EPA 525.2	-88	-88			GN
2012/13-2	MO-OXN	srgt matrix spike dup, rec	12/5/2012	Organic	Triphenylphosphate	n/a	=	69	%	EPA 525.2	-88	-88	71	150	GN
2012/13-2	MO-OXN	srgt environ	12/6/2012	Organic	Triphenylphosphate	n/a	=	3.92	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-OXN	srgt environ, rec	12/6/2012	Organic	Triphenylphosphate	n/a	=	78	%	EPA 525.2	-88	-88	71	150	
2012/13-2	MO-OXN	srgt environ	12/14/2012	Organic	Triphenylphosphate	n/a	=	0.706	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-OXN	srgt environ, rec	12/14/2012	Organic	Triphenylphosphate	n/a	=	141	%	EPA 525.2	-88	-88	71	150	
2012/13-2	MO-SIM	srgt environ	12/4/2012	Organic	Triphenylphosphate	n/a	=	3.14	µg/L	EPA 525.2	-88	-88			GN
2012/13-2	MO-SIM	srgt environ, rec	12/4/2012	Organic	Triphenylphosphate	n/a	=	63	%	EPA 525.2	-88	-88	71	150	GN
2012/13-2	MO-SIM	srgt environ	12/13/2012	Organic	Triphenylphosphate	n/a	=	0.564	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-SIM	srgt environ, rec	12/13/2012	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	71	150	
2012/13-2	MO-SPA	srgt environ	12/4/2012	Organic	Triphenylphosphate	n/a	=	3.01	µg/L	EPA 525.2	-88	-88			GN
2012/13-2	MO-SPA	srgt environ, rec	12/4/2012	Organic	Triphenylphosphate	n/a	=	63	%	EPA 525.2	-88	-88	71	150	GN
2012/13-2	MO-SPA	srgt environ	12/13/2012	Organic	Triphenylphosphate	n/a	=	0.604	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-SPA	srgt environ, rec	12/13/2012	Organic	Triphenylphosphate	n/a	=	121	%	EPA 525.2	-88	-88	71	150	
2012/13-2	MO-THO	srgt environ	12/4/2012	Organic	Triphenylphosphate	n/a	=	4.2	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-THO	srgt environ, rec	12/4/2012	Organic	Triphenylphosphate	n/a	=	84	%	EPA 525.2	-88	-88	71	150	
2012/13-2	MO-THO	srgt environ	12/13/2012	Organic	Triphenylphosphate	n/a	=	0.541	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-THO	srgt environ, rec	12/13/2012	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	71	150	
2012/13-2	MO-VEN	srgt environ	12/4/2012	Organic	Triphenylphosphate	n/a	=	3.34	µg/L	EPA 525.2	-88	-88			GN
2012/13-2	MO-VEN	srgt environ, rec	12/4/2012	Organic	Triphenylphosphate	n/a	=	67	%	EPA 525.2	-88	-88	71	150	GN
2012/13-2	MO-VEN	srgt environ	12/13/2012	Organic	Triphenylphosphate	n/a	=	0.612	µg/L	EPA 525.2	-88	-88			
2012/13-2	MO-VEN	srgt environ, rec	12/13/2012	Organic	Triphenylphosphate	n/a	=	122	%	EPA 525.2	-88	-88	71	150	
2012/13-2	Lab	srgt method blank	11/27/2012	PCB	PCB 209	n/a	=	0.0489	µg/L	EPA 608	-88	-88			
2012/13-2	Lab	srgt method blank, rec	11/27/2012	PCB	PCB 209	n/a	=	49	%	EPA 608	-88	-88	0.1	154	
2012/13-2	Lab	srgt LCS	11/27/2012	PCB	PCB 209	n/a	=	0.0553	µg/L	EPA 608	-88	-88			
2012/13-2	Lab	srgt LCS, rec	11/27/2012	PCB	PCB 209	n/a	=	55	%	EPA 608	-88	-88	0.1	154	
2012/13-2	ME-CC	srgt environ	11/27/2012	PCB	PCB 209	n/a	=	0.0573	µg/L	EPA 608	-88	-88			
2012/13-2	ME-CC	srgt environ, rec	11/27/2012	PCB	PCB 209	n/a	=	57	%	EPA 608	-88	-88	0.1	154	
2012/13-2	ME-SCR	srgt environ	11/27/2012	PCB	PCB 209	n/a	=	0.0574	µg/L	EPA 608	-88	-88			
2012/13-2	ME-SCR	srgt environ, rec	11/27/2012	PCB	PCB 209	n/a	=	57	%	EPA 608	-88	-88	0.1	154	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	ME-VR2	srgt matrix spike	11/27/2012	PCB	PCB 209	n/a	=	0.0612	µg/L	EPA 608	-88	-88			
2012/13-2	ME-VR2	srgt matrix spike, rec	11/27/2012	PCB	PCB 209	n/a	=	61	%	EPA 608	-88	-88	0.1	154	
2012/13-2	ME-VR2	srgt matrix spike dup	11/27/2012	PCB	PCB 209	n/a	=	0.0513	µg/L	EPA 608	-88	-88			
2012/13-2	ME-VR2	srgt matrix spike dup, rec	11/27/2012	PCB	PCB 209	n/a	=	51	%	EPA 608	-88	-88	0.1	154	
2012/13-2	ME-VR2	srgt environ	11/27/2012	PCB	PCB 209	n/a	=	0.0561	µg/L	EPA 608	-88	-88			
2012/13-2	ME-VR2	srgt environ, rec	11/27/2012	PCB	PCB 209	n/a	=	56	%	EPA 608	-88	-88	0.1	154	
2012/13-2	MO-CAM	srgt environ	11/27/2012	PCB	PCB 209	n/a	=	0.0458	µg/L	EPA 608	-88	-88			
2012/13-2	MO-CAM	srgt environ, rec	11/27/2012	PCB	PCB 209	n/a	=	46	%	EPA 608	-88	-88	0.1	154	
2012/13-2	MO-FIL	srgt environ	11/28/2012	PCB	PCB 209	n/a	=	0.039	µg/L	EPA 608	-88	-88			
2012/13-2	MO-FIL	srgt environ, rec	11/28/2012	PCB	PCB 209	n/a	=	39	%	EPA 608	-88	-88	0.1	154	
2012/13-2	MO-HUE	srgt environ	11/28/2012	PCB	PCB 209	n/a	=	0.0462	µg/L	EPA 608	-88	-88			
2012/13-2	MO-HUE	srgt environ, rec	11/28/2012	PCB	PCB 209	n/a	=	46	%	EPA 608	-88	-88	0.1	154	
2012/13-2	MO-MEI	srgt environ	11/28/2012	PCB	PCB 209	n/a	=	0.0261	µg/L	EPA 608	-88	-88			
2012/13-2	MO-MEI	srgt environ, rec	11/28/2012	PCB	PCB 209	n/a	=	26	%	EPA 608	-88	-88	0.1	154	
2012/13-2	MO-MPK	srgt environ	11/28/2012	PCB	PCB 209	n/a	=	0.0527	µg/L	EPA 608	-88	-88			
2012/13-2	MO-MPK	srgt environ, rec	11/28/2012	PCB	PCB 209	n/a	=	53	%	EPA 608	-88	-88	0.1	154	
2012/13-2	MO-OJA	srgt environ	11/28/2012	PCB	PCB 209	n/a	=	0.0436	µg/L	EPA 608	-88	-88			
2012/13-2	MO-OJA	srgt environ, rec	11/28/2012	PCB	PCB 209	n/a	=	44	%	EPA 608	-88	-88	0.1	154	
2012/13-2	MO-OXN	srgt environ	11/28/2012	PCB	PCB 209	n/a	=	0.0539	µg/L	EPA 608	-88	-88			
2012/13-2	MO-OXN	srgt environ, rec	11/28/2012	PCB	PCB 209	n/a	=	54	%	EPA 608	-88	-88	0.1	154	
2012/13-2	MO-SIM	srgt environ	11/28/2012	PCB	PCB 209	n/a	=	0.055	µg/L	EPA 608	-88	-88			
2012/13-2	MO-SIM	srgt environ, rec	11/28/2012	PCB	PCB 209	n/a	=	55	%	EPA 608	-88	-88	0.1	154	
2012/13-2	MO-SPA	srgt environ	11/28/2012	PCB	PCB 209	n/a	=	0.0427	µg/L	EPA 608	-88	-88			
2012/13-2	MO-SPA	srgt environ, rec	11/28/2012	PCB	PCB 209	n/a	=	43	%	EPA 608	-88	-88	0.1	154	
2012/13-2	MO-THO	srgt environ	11/28/2012	PCB	PCB 209	n/a	=	0.0459	µg/L	EPA 608	-88	-88			
2012/13-2	MO-THO	srgt environ, rec	11/28/2012	PCB	PCB 209	n/a	=	46	%	EPA 608	-88	-88	0.1	154	
2012/13-2	MO-VEN	srgt environ	11/28/2012	PCB	PCB 209	n/a	=	0.0551	µg/L	EPA 608	-88	-88			
2012/13-2	MO-VEN	srgt environ, rec	11/28/2012	PCB	PCB 209	n/a	=	52	%	EPA 608	-88	-88	0.1	154	
2012/13-2	Lab	method blank	11/27/2012	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2012/13-2	Lab	method blank	11/27/2012	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2012/13-2	Lab	method blank	11/27/2012	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2012/13-2	Lab	method blank	11/27/2012	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2012/13-2	Lab	method blank	11/27/2012	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2012/13-2	Lab	method blank	11/27/2012	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2012/13-2	Lab	method blank	11/27/2012	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2012/13-2	Lab	method blank	12/1/2012	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2012/13-2	Lab	LCS	12/1/2012	Pesticide	2,4,5-T	n/a	=	3.11	µg/L	EPA 515.3	0.07	0.2			
2012/13-2	Lab	LCS, rec	12/1/2012	Pesticide	2,4,5-T	n/a	=	78	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike	12/1/2012	Pesticide	2,4,5-T	n/a	=	2.88	µg/L	EPA 515.3	0.07	0.2			
2012/13-2	ME-CC	matrix spike, rec	12/1/2012	Pesticide	2,4,5-T	n/a	=	72	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike dup	12/1/2012	Pesticide	2,4,5-T	n/a	=	2.92	µg/L	EPA 515.3	0.07	0.2			
2012/13-2	ME-CC	matrix spike dup, rec	12/1/2012	Pesticide	2,4,5-T	n/a	=	73	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike, RPD	12/1/2012	Pesticide	2,4,5-T	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2012/13-2	Lab	method blank	12/1/2012	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2012/13-2	Lab	LCS	12/1/2012	Pesticide	2,4,5-TP	n/a	=	3.47	µg/L	EPA 515.3	0.09	0.2			
2012/13-2	Lab	LCS, rec	12/1/2012	Pesticide	2,4,5-TP	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike	12/1/2012	Pesticide	2,4,5-TP	n/a	=	3.07	µg/L	EPA 515.3	0.09	0.2			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	ME-CC	matrix spike, rec	12/1/2012	Pesticide	2,4,5-TP	n/a	=	77	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike dup	12/1/2012	Pesticide	2,4,5-TP	n/a	=	3.2	µg/L	EPA 515.3	0.09	0.2			
2012/13-2	ME-CC	matrix spike dup, rec	12/1/2012	Pesticide	2,4,5-TP	n/a	=	80	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike, RPD	12/1/2012	Pesticide	2,4,5-TP	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2012/13-2	Lab	method blank	12/1/2012	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2012/13-2	Lab	LCS	12/1/2012	Pesticide	2,4-D	n/a	=	6.55	µg/L	EPA 515.3	0.07	0.4			
2012/13-2	Lab	LCS, rec	12/1/2012	Pesticide	2,4-D	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike	12/1/2012	Pesticide	2,4-D	n/a	=	6.53	µg/L	EPA 515.3	0.07	0.4			
2012/13-2	ME-CC	matrix spike, rec	12/1/2012	Pesticide	2,4-D	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike dup	12/1/2012	Pesticide	2,4-D	n/a	=	6.78	µg/L	EPA 515.3	0.07	0.4			
2012/13-2	ME-CC	matrix spike dup, rec	12/1/2012	Pesticide	2,4-D	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike, RPD	12/1/2012	Pesticide	2,4-D	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2012/13-2	Lab	method blank	12/1/2012	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2012/13-2	Lab	LCS	12/1/2012	Pesticide	2,4-DB	n/a	=	14.9	µg/L	EPA 515.3	0.07	2			
2012/13-2	Lab	LCS, rec	12/1/2012	Pesticide	2,4-DB	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike	12/1/2012	Pesticide	2,4-DB	n/a	=	13.6	µg/L	EPA 515.3	0.07	2			
2012/13-2	ME-CC	matrix spike, rec	12/1/2012	Pesticide	2,4-DB	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike dup	12/1/2012	Pesticide	2,4-DB	n/a	=	13.6	µg/L	EPA 515.3	0.07	2			
2012/13-2	ME-CC	matrix spike dup, rec	12/1/2012	Pesticide	2,4-DB	n/a	=	85	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike, RPD	12/1/2012	Pesticide	2,4-DB	n/a	=	0.04	%	EPA 515.3	-88	-88	0	30	
2012/13-2	Lab	method blank	12/1/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2012/13-2	Lab	LCS	12/1/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.47	µg/L	EPA 515.3	0.09	1			
2012/13-2	Lab	LCS, rec	12/1/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike	12/1/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	6.98	µg/L	EPA 515.3	0.09	1			
2012/13-2	ME-CC	matrix spike, rec	12/1/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike dup	12/1/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.03	µg/L	EPA 515.3	0.09	1			
2012/13-2	ME-CC	matrix spike dup, rec	12/1/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike, RPD	12/1/2012	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2012/13-2	Lab	LCS	11/27/2012	Pesticide	4,4'-DDD	n/a	=	0.0796	µg/L	EPA 608	0.003	0.05			
2012/13-2	Lab	LCS, rec	11/27/2012	Pesticide	4,4'-DDD	n/a	=	80	%	EPA 608	-88	-88	30	141	
2012/13-2	ME-VR2	matrix spike	11/27/2012	Pesticide	4,4'-DDD	n/a	=	0.0937	µg/L	EPA 608	0.003	0.05			
2012/13-2	ME-VR2	matrix spike, rec	11/27/2012	Pesticide	4,4'-DDD	n/a	=	94	%	EPA 608	-88	-88	31	141	
2012/13-2	ME-VR2	matrix spike dup	11/27/2012	Pesticide	4,4'-DDD	n/a	=	0.0832	µg/L	EPA 608	0.003	0.05			
2012/13-2	ME-VR2	matrix spike dup, rec	11/27/2012	Pesticide	4,4'-DDD	n/a	=	83	%	EPA 608	-88	-88	31	141	
2012/13-2	ME-VR2	matrix spike, RPD	11/27/2012	Pesticide	4,4'-DDD	n/a	=	12	%	EPA 608	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2012/13-2	Lab	LCS	11/27/2012	Pesticide	4,4'-DDE	n/a	=	0.0666	µg/L	EPA 608	0.0025	0.05			
2012/13-2	Lab	LCS, rec	11/27/2012	Pesticide	4,4'-DDE	n/a	=	67	%	EPA 608	-88	-88	30	145	
2012/13-2	ME-VR2	matrix spike	11/27/2012	Pesticide	4,4'-DDE	n/a	=	0.0866	µg/L	EPA 608	0.0025	0.05			
2012/13-2	ME-VR2	matrix spike, rec	11/27/2012	Pesticide	4,4'-DDE	n/a	=	87	%	EPA 608	-88	-88	30	145	
2012/13-2	ME-VR2	matrix spike dup	11/27/2012	Pesticide	4,4'-DDE	n/a	=	0.0699	µg/L	EPA 608	0.0025	0.05			
2012/13-2	ME-VR2	matrix spike dup, rec	11/27/2012	Pesticide	4,4'-DDE	n/a	=	70	%	EPA 608	-88	-88	30	145	
2012/13-2	ME-VR2	matrix spike, RPD	11/27/2012	Pesticide	4,4'-DDE	n/a	=	21	%	EPA 608	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2012/13-2	Lab	LCS	11/27/2012	Pesticide	4,4'-DDT	n/a	=	0.077	µg/L	EPA 608	0.0031	0.01			
2012/13-2	Lab	LCS, rec	11/27/2012	Pesticide	4,4'-DDT	n/a	=	77	%	EPA 608	-88	-88	25	160	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	ME-VR2	matrix spike	11/27/2012	Pesticide	4,4'-DDT	n/a	=	0.0816	µg/L	EPA 608	0.0031	0.01			
2012/13-2	ME-VR2	matrix spike, rec	11/27/2012	Pesticide	4,4'-DDT	n/a	=	82	%	EPA 608	-88	-88	25	160	
2012/13-2	ME-VR2	matrix spike dup	11/27/2012	Pesticide	4,4'-DDT	n/a	=	0.0637	µg/L	EPA 608	0.0031	0.01			
2012/13-2	ME-VR2	matrix spike dup, rec	11/27/2012	Pesticide	4,4'-DDT	n/a	=	64	%	EPA 608	-88	-88	25	160	
2012/13-2	ME-VR2	matrix spike, RPD	11/27/2012	Pesticide	4,4'-DDT	n/a	=	25	%	EPA 608	-88	-88	0	30	
2012/13-2	Lab	method blank	12/1/2012	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2012/13-2	Lab	LCS	12/1/2012	Pesticide	Acifluorfen	n/a	=	2.98	µg/L	EPA 515.3	0.06	0.4			
2012/13-2	Lab	LCS, rec	12/1/2012	Pesticide	Acifluorfen	n/a	=	75	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike	12/1/2012	Pesticide	Acifluorfen	n/a	=	3.04	µg/L	EPA 515.3	0.06	0.4			
2012/13-2	ME-CC	matrix spike, rec	12/1/2012	Pesticide	Acifluorfen	n/a	=	76	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike dup	12/1/2012	Pesticide	Acifluorfen	n/a	=	2.95	µg/L	EPA 515.3	0.06	0.4			
2012/13-2	ME-CC	matrix spike dup, rec	12/1/2012	Pesticide	Acifluorfen	n/a	=	74	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike, RPD	12/1/2012	Pesticide	Acifluorfen	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-2	Lab	method blank	12/3/2012	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2012/13-2	Lab	LCS	12/3/2012	Pesticide	Alachlor	n/a	=	0.85	µg/L	EPA 525.2	0.022	0.1			
2012/13-2	Lab	LCS, rec	12/3/2012	Pesticide	Alachlor	n/a	=	85	%	EPA 525.2	-88	-88	58	164	
2012/13-2	Lab	method blank	12/5/2012	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2012/13-2	Lab	LCS	12/5/2012	Pesticide	Alachlor	n/a	=	0.91	µg/L	EPA 525.2	0.022	0.1			
2012/13-2	Lab	LCS, rec	12/5/2012	Pesticide	Alachlor	n/a	=	91	%	EPA 525.2	-88	-88	58	164	
2012/13-2	ME-SCR	matrix spike	12/3/2012	Pesticide	Alachlor	n/a	=	1.06	µg/L	EPA 525.2	0.022	0.1			
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Pesticide	Alachlor	n/a	=	106	%	EPA 525.2	-88	-88	58	177	
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Pesticide	Alachlor	n/a	=	1.04	µg/L	EPA 525.2	0.022	0.1			
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Pesticide	Alachlor	n/a	=	104	%	EPA 525.2	-88	-88	58	177	
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Pesticide	Alachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2012/13-2	MO-OXN	matrix spike	12/5/2012	Pesticide	Alachlor	n/a	=	1.26	µg/L	EPA 525.2	0.022	0.1			
2012/13-2	MO-OXN	matrix spike, rec	12/5/2012	Pesticide	Alachlor	n/a	=	126	%	EPA 525.2	-88	-88	58	177	
2012/13-2	MO-OXN	matrix spike dup	12/5/2012	Pesticide	Alachlor	n/a	=	1.26	µg/L	EPA 525.2	0.022	0.1			
2012/13-2	MO-OXN	matrix spike dup, rec	12/5/2012	Pesticide	Alachlor	n/a	=	126	%	EPA 525.2	-88	-88	58	177	
2012/13-2	MO-OXN	matrix spike, RPD	12/5/2012	Pesticide	Alachlor	n/a	=	0	%	EPA 525.2	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2012/13-2	Lab	LCS	11/27/2012	Pesticide	Aldrin	n/a	=	0.0474	µg/L	EPA 608	0.0015	0.005			
2012/13-2	Lab	LCS, rec	11/27/2012	Pesticide	Aldrin	n/a	=	47	%	EPA 608	-88	-88	42	122	
2012/13-2	ME-VR2	matrix spike	11/27/2012	Pesticide	Aldrin	n/a	=	0.0702	µg/L	EPA 608	0.0015	0.005			
2012/13-2	ME-VR2	matrix spike, rec	11/27/2012	Pesticide	Aldrin	n/a	=	70	%	EPA 608	-88	-88	42	122	
2012/13-2	ME-VR2	matrix spike dup	11/27/2012	Pesticide	Aldrin	n/a	=	0.0518	µg/L	EPA 608	0.0015	0.005			
2012/13-2	ME-VR2	matrix spike dup, rec	11/27/2012	Pesticide	Aldrin	n/a	=	52	%	EPA 608	-88	-88	42	122	
2012/13-2	ME-VR2	matrix spike, RPD	11/27/2012	Pesticide	Aldrin	n/a	=	30	%	EPA 608	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2012/13-2	Lab	LCS	11/27/2012	Pesticide	alpha-BHC	n/a	=	0.0726	µg/L	EPA 608	0.0018	0.01			
2012/13-2	Lab	LCS, rec	11/27/2012	Pesticide	alpha-BHC	n/a	=	73	%	EPA 608	-88	-88	37	134	
2012/13-2	ME-VR2	matrix spike	11/27/2012	Pesticide	alpha-BHC	n/a	=	0.0862	µg/L	EPA 608	0.0018	0.01			
2012/13-2	ME-VR2	matrix spike, rec	11/27/2012	Pesticide	alpha-BHC	n/a	=	86	%	EPA 608	-88	-88	37	134	
2012/13-2	ME-VR2	matrix spike dup	11/27/2012	Pesticide	alpha-BHC	n/a	=	0.0629	µg/L	EPA 608	0.0018	0.01			
2012/13-2	ME-VR2	matrix spike dup, rec	11/27/2012	Pesticide	alpha-BHC	n/a	=	63	%	EPA 608	-88	-88	37	134	
2012/13-2	ME-VR2	matrix spike, RPD	11/27/2012	Pesticide	alpha-BHC	n/a	=	31	%	EPA 608	-88	-88	0	30	IL
2012/13-2	Lab	method blank	11/27/2012	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2012/13-2	Lab	method blank	12/3/2012	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	Lab	LCS	12/3/2012	Pesticide	Atrazine	n/a	=	1.13	µg/L	EPA 525.2	0.034	0.1			
2012/13-2	Lab	LCS, rec	12/3/2012	Pesticide	Atrazine	n/a	=	113	%	EPA 525.2	-88	-88	68	133	
2012/13-2	Lab	method blank	12/5/2012	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2012/13-2	Lab	LCS	12/5/2012	Pesticide	Atrazine	n/a	=	1.06	µg/L	EPA 525.2	0.034	0.1			
2012/13-2	Lab	LCS, rec	12/5/2012	Pesticide	Atrazine	n/a	=	106	%	EPA 525.2	-88	-88	68	133	
2012/13-2	ME-SCR	matrix spike	12/3/2012	Pesticide	Atrazine	n/a	=	1.12	µg/L	EPA 525.2	0.034	0.1			
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Pesticide	Atrazine	n/a	=	112	%	EPA 525.2	-88	-88	53	142	
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Pesticide	Atrazine	n/a	=	1.25	µg/L	EPA 525.2	0.034	0.1			
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Pesticide	Atrazine	n/a	=	125	%	EPA 525.2	-88	-88	53	142	
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Pesticide	Atrazine	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2012/13-2	MO-OXN	matrix spike	12/5/2012	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			GB
2012/13-2	MO-OXN	matrix spike, rec	12/5/2012	Pesticide	Atrazine	n/a	=	0	%	EPA 525.2	-88	-88	53	142	GB
2012/13-2	MO-OXN	matrix spike dup	12/5/2012	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			GB
2012/13-2	MO-OXN	matrix spike dup, rec	12/5/2012	Pesticide	Atrazine	n/a	=	0	%	EPA 525.2	-88	-88	53	142	GB
2012/13-2	MO-OXN	matrix spike, RPD	12/5/2012	Pesticide	Atrazine	n/a	=	0	%	EPA 525.2	-88	-88	0	30	GB
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Azinphos methyl	n/a	=	0.0142	µg/L	EPA 525.2	0.0055	0.01			EUM
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Azinphos methyl	n/a	=	28	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Azinphos methyl	n/a	=	0.142	µg/L	EPA 525.2	0.0055	0.01			EUM
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Azinphos methyl	n/a	=	284	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Azinphos methyl	n/a	=	0.133	µg/L	EPA 525.2	0.0055	0.01			GB
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Azinphos methyl	n/a	=	0.144	µg/L	EPA 525.2	0.0055	0.01			GB
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Azinphos methyl	n/a	=	288	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Azinphos methyl	n/a	=	265	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Azinphos methyl	n/a	=	8	%	EPA 525.2	-88	-88	0	25	GB
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Azinphos methyl	n/a	=	0.18	µg/L	EPA 525.2	0.0055	0.01			GB
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Azinphos methyl	n/a	=	0.142	µg/L	EPA 525.2	0.0055	0.01			GB
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Azinphos methyl	n/a	=	283	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Azinphos methyl	n/a	=	360	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Azinphos methyl	n/a	=	24	%	EPA 525.2	-88	-88	0	25	GB
2012/13-2	Lab	method blank	12/1/2012	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2012/13-2	Lab	LCS	12/1/2012	Pesticide	Bentazon	n/a	=	15.5	µg/L	EPA 515.3	0.11	2			
2012/13-2	Lab	LCS, rec	12/1/2012	Pesticide	Bentazon	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike	12/1/2012	Pesticide	Bentazon	n/a	=	14.3	µg/L	EPA 515.3	0.11	2			
2012/13-2	ME-CC	matrix spike, rec	12/1/2012	Pesticide	Bentazon	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike dup	12/1/2012	Pesticide	Bentazon	n/a	=	14.3	µg/L	EPA 515.3	0.11	2			
2012/13-2	ME-CC	matrix spike dup, rec	12/1/2012	Pesticide	Bentazon	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike, RPD	12/1/2012	Pesticide	Bentazon	n/a	=	0.02	%	EPA 515.3	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2012/13-2	Lab	LCS	11/27/2012	Pesticide	beta-BHC	n/a	=	0.0795	µg/L	EPA 608	0.0031	0.005			
2012/13-2	Lab	LCS, rec	11/27/2012	Pesticide	beta-BHC	n/a	=	80	%	EPA 608	-88	-88	14	147	
2012/13-2	ME-VR2	matrix spike	11/27/2012	Pesticide	beta-BHC	n/a	=	0.0906	µg/L	EPA 608	0.0031	0.005			
2012/13-2	ME-VR2	matrix spike, rec	11/27/2012	Pesticide	beta-BHC	n/a	=	91	%	EPA 608	-88	-88	17	147	
2012/13-2	ME-VR2	matrix spike dup	11/27/2012	Pesticide	beta-BHC	n/a	=	0.0764	µg/L	EPA 608	0.0031	0.005			
2012/13-2	ME-VR2	matrix spike dup, rec	11/27/2012	Pesticide	beta-BHC	n/a	=	76	%	EPA 608	-88	-88	17	147	
2012/13-2	ME-VR2	matrix spike, RPD	11/27/2012	Pesticide	beta-BHC	n/a	=	17	%	EPA 608	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Bolstar	n/a	=	0.0553	µg/L	EPA 525.2	0.0046	0.01			
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Bolstar	n/a	=	111	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Bolstar	n/a	=	0.0779	µg/L	EPA 525.2	0.0046	0.01			EUM
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Bolstar	n/a	=	156	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Bolstar	n/a	=	0.0854	µg/L	EPA 525.2	0.0046	0.01			GB
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Bolstar	n/a	=	0.0805	µg/L	EPA 525.2	0.0046	0.01			GB
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Bolstar	n/a	=	161	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Bolstar	n/a	=	171	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Bolstar	n/a	=	6	%	EPA 525.2	-88	-88	0	25	GB
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Bolstar	n/a	=	0.0832	µg/L	EPA 525.2	0.0046	0.01			GB
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Bolstar	n/a	=	0.0779	µg/L	EPA 525.2	0.0046	0.01			GB
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Bolstar	n/a	=	156	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Bolstar	n/a	=	166	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Bolstar	n/a	=	7	%	EPA 525.2	-88	-88	0	25	GB
2012/13-2	Lab	method blank	12/3/2012	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2012/13-2	Lab	LCS	12/3/2012	Pesticide	Bromacil	n/a	DNQ	0.9	µg/L	EPA 525.2	0.038	1			
2012/13-2	Lab	LCS, rec	12/3/2012	Pesticide	Bromacil	n/a	=	90	%	EPA 525.2	-88	-88	43	177	
2012/13-2	Lab	method blank	12/5/2012	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2012/13-2	Lab	LCS	12/5/2012	Pesticide	Bromacil	n/a	=	1.11	µg/L	EPA 525.2	0.038	1			
2012/13-2	Lab	LCS, rec	12/5/2012	Pesticide	Bromacil	n/a	=	111	%	EPA 525.2	-88	-88	43	177	
2012/13-2	ME-SCR	matrix spike	12/3/2012	Pesticide	Bromacil	n/a	=	1.11	µg/L	EPA 525.2	0.038	1			
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Pesticide	Bromacil	n/a	=	111	%	EPA 525.2	-88	-88	71	182	
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Pesticide	Bromacil	n/a	DNQ	0.96	µg/L	EPA 525.2	0.038	1			
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Pesticide	Bromacil	n/a	=	96	%	EPA 525.2	-88	-88	71	182	
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Pesticide	Bromacil	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2012/13-2	MO-OXN	matrix spike	12/5/2012	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			GB
2012/13-2	MO-OXN	matrix spike, rec	12/5/2012	Pesticide	Bromacil	n/a	=	0	%	EPA 525.2	-88	-88	71	182	GB
2012/13-2	MO-OXN	matrix spike dup	12/5/2012	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			GB
2012/13-2	MO-OXN	matrix spike dup, rec	12/5/2012	Pesticide	Bromacil	n/a	=	0	%	EPA 525.2	-88	-88	71	182	GB
2012/13-2	MO-OXN	matrix spike, RPD	12/5/2012	Pesticide	Bromacil	n/a	=	0	%	EPA 525.2	-88	-88	0	30	GB
2012/13-2	Lab	method blank	12/3/2012	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2012/13-2	Lab	LCS	12/3/2012	Pesticide	Butachlor	n/a	=	0.84	µg/L	EPA 525.2	0.017	0.2			
2012/13-2	Lab	LCS, rec	12/3/2012	Pesticide	Butachlor	n/a	=	84	%	EPA 525.2	-88	-88	55	178	
2012/13-2	Lab	method blank	12/5/2012	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2012/13-2	Lab	LCS	12/5/2012	Pesticide	Butachlor	n/a	=	0.9	µg/L	EPA 525.2	0.017	0.2			
2012/13-2	Lab	LCS, rec	12/5/2012	Pesticide	Butachlor	n/a	=	90	%	EPA 525.2	-88	-88	55	178	
2012/13-2	ME-SCR	matrix spike	12/3/2012	Pesticide	Butachlor	n/a	=	1.11	µg/L	EPA 525.2	0.017	0.2			
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Pesticide	Butachlor	n/a	=	111	%	EPA 525.2	-88	-88	67	181	
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Pesticide	Butachlor	n/a	=	1.16	µg/L	EPA 525.2	0.017	0.2			
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Pesticide	Butachlor	n/a	=	116	%	EPA 525.2	-88	-88	67	181	
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Pesticide	Butachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2012/13-2	MO-OXN	matrix spike	12/5/2012	Pesticide	Butachlor	n/a	=	1.11	µg/L	EPA 525.2	0.017	0.2			
2012/13-2	MO-OXN	matrix spike, rec	12/5/2012	Pesticide	Butachlor	n/a	=	111	%	EPA 525.2	-88	-88	67	181	
2012/13-2	MO-OXN	matrix spike dup	12/5/2012	Pesticide	Butachlor	n/a	=	1.36	µg/L	EPA 525.2	0.017	0.2			
2012/13-2	MO-OXN	matrix spike dup, rec	12/5/2012	Pesticide	Butachlor	n/a	=	136	%	EPA 525.2	-88	-88	67	181	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	MO-OXN	matrix spike, RPD	12/5/2012	Pesticide	Butachlor	n/a	=	20	%	EPA 525.2	-88	-88	0	30	
2012/13-2	Lab	method blank	12/3/2012	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2012/13-2	Lab	LCS	12/3/2012	Pesticide	Captan	n/a	DNQ	0.56	µg/L	EPA 525.2	-88	1			
2012/13-2	Lab	LCS, rec	12/3/2012	Pesticide	Captan	n/a	=	56	%	EPA 525.2	-88	-88	20	215	
2012/13-2	Lab	method blank	12/5/2012	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2012/13-2	Lab	LCS	12/5/2012	Pesticide	Captan	n/a	DNQ	0.61	µg/L	EPA 525.2	-88	1			
2012/13-2	Lab	LCS, rec	12/5/2012	Pesticide	Captan	n/a	=	61	%	EPA 525.2	-88	-88	20	215	
2012/13-2	ME-SCR	matrix spike	12/3/2012	Pesticide	Captan	n/a	DNQ	0.55	µg/L	EPA 525.2	-88	1			
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Pesticide	Captan	n/a	=	55	%	EPA 525.2	-88	-88	45	182	
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Pesticide	Captan	n/a	DNQ	0.56	µg/L	EPA 525.2	-88	1			
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Pesticide	Captan	n/a	=	56	%	EPA 525.2	-88	-88	45	182	
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Pesticide	Captan	n/a	=	1.8	%	EPA 525.2	-88	-88	0	30	
2012/13-2	MO-OXN	matrix spike	12/5/2012	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			DRM,GB
2012/13-2	MO-OXN	matrix spike, rec	12/5/2012	Pesticide	Captan	n/a	=	0	%	EPA 525.2	-88	-88	45	182	DRM,GB
2012/13-2	MO-OXN	matrix spike dup	12/5/2012	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			DRM,GB
2012/13-2	MO-OXN	matrix spike dup, rec	12/5/2012	Pesticide	Captan	n/a	=	0	%	EPA 525.2	-88	-88	45	182	DRM,GB
2012/13-2	MO-OXN	matrix spike, RPD	12/5/2012	Pesticide	Captan	n/a	=	0	%	EPA 525.2	-88	-88	0	30	DRM,GB
2012/13-2	Lab	method blank	11/27/2012	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2012/13-2	Lab	method blank	12/3/2012	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2012/13-2	Lab	LCS	12/3/2012	Pesticide	Chloropropham	n/a	=	1.06	µg/L	EPA 525.2	0.01	0.1			
2012/13-2	Lab	LCS, rec	12/3/2012	Pesticide	Chloropropham	n/a	=	106	%	EPA 525.2	-88	-88	74	133	
2012/13-2	Lab	method blank	12/5/2012	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2012/13-2	Lab	LCS	12/5/2012	Pesticide	Chloropropham	n/a	=	1.03	µg/L	EPA 525.2	0.01	0.1			
2012/13-2	Lab	LCS, rec	12/5/2012	Pesticide	Chloropropham	n/a	=	103	%	EPA 525.2	-88	-88	74	133	
2012/13-2	ME-SCR	matrix spike	12/3/2012	Pesticide	Chloropropham	n/a	=	1.2	µg/L	EPA 525.2	0.01	0.1			
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Pesticide	Chloropropham	n/a	=	120	%	EPA 525.2	-88	-88	76	137	
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Pesticide	Chloropropham	n/a	=	1.14	µg/L	EPA 525.2	0.01	0.1			
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Pesticide	Chloropropham	n/a	=	114	%	EPA 525.2	-88	-88	76	137	
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Pesticide	Chloropropham	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2012/13-2	MO-OXN	matrix spike	12/5/2012	Pesticide	Chloropropham	n/a	=	1.08	µg/L	EPA 525.2	0.01	0.1			
2012/13-2	MO-OXN	matrix spike, rec	12/5/2012	Pesticide	Chloropropham	n/a	=	108	%	EPA 525.2	-88	-88	76	137	
2012/13-2	MO-OXN	matrix spike dup	12/5/2012	Pesticide	Chloropropham	n/a	=	1.09	µg/L	EPA 525.2	0.01	0.1			
2012/13-2	MO-OXN	matrix spike dup, rec	12/5/2012	Pesticide	Chloropropham	n/a	=	109	%	EPA 525.2	-88	-88	76	137	
2012/13-2	MO-OXN	matrix spike, RPD	12/5/2012	Pesticide	Chloropropham	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Chlorpyrifos	n/a	=	0.0595	µg/L	EPA 525.2	0.0069	0.01			
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Chlorpyrifos	n/a	=	119	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Chlorpyrifos	n/a	=	0.0598	µg/L	EPA 525.2	0.0069	0.01			
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Chlorpyrifos	n/a	=	120	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Chlorpyrifos	n/a	=	0.0864	µg/L	EPA 525.2	0.0069	0.01			
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Chlorpyrifos	n/a	=	0.0802	µg/L	EPA 525.2	0.0069	0.01			
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Chlorpyrifos	n/a	=	115	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Chlorpyrifos	n/a	=	127	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Chlorpyrifos	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Chlorpyrifos	n/a	=	0.0878	µg/L	EPA 525.2	0.0069	0.01			
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Chlorpyrifos	n/a	=	0.0872	µg/L	EPA 525.2	0.0069	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	
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Chlorpyrifos	n/a	=	120	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Chlorpyrifos	n/a	=	121	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Chlorpyrifos	n/a	=	0.7	%	EPA 525.2	-88	-88	0	25	
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Coumaphos	n/a	=	0.0602	µg/L	EPA 525.2	0.0051	0.01			
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Coumaphos	n/a	=	120	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Coumaphos	n/a	=	0.16	µg/L	EPA 525.2	0.0051	0.01			EUM
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Coumaphos	n/a	=	320	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Coumaphos	n/a	=	0.125	µg/L	EPA 525.2	0.0051	0.01			GB
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Coumaphos	n/a	=	0.114	µg/L	EPA 525.2	0.0051	0.01			GB
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Coumaphos	n/a	=	228	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Coumaphos	n/a	=	250	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Coumaphos	n/a	=	9	%	EPA 525.2	-88	-88	0	25	GB
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Coumaphos	n/a	=	0.189	µg/L	EPA 525.2	0.0051	0.01			GB
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Coumaphos	n/a	=	0.16	µg/L	EPA 525.2	0.0051	0.01			GB
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Coumaphos	n/a	=	320	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Coumaphos	n/a	=	377	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Coumaphos	n/a	=	17	%	EPA 525.2	-88	-88	0	25	GB
2012/13-2	Lab	method blank	12/3/2012	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2012/13-2	Lab	LCS	12/3/2012	Pesticide	Cyanazine	n/a	=	1.08	µg/L	EPA 525.2	0.024	0.1			
2012/13-2	Lab	LCS, rec	12/3/2012	Pesticide	Cyanazine	n/a	=	108	%	EPA 525.2	-88	-88	69	131	
2012/13-2	Lab	method blank	12/5/2012	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2012/13-2	Lab	LCS	12/5/2012	Pesticide	Cyanazine	n/a	=	0.98	µg/L	EPA 525.2	0.024	0.1			
2012/13-2	Lab	LCS, rec	12/5/2012	Pesticide	Cyanazine	n/a	=	98	%	EPA 525.2	-88	-88	69	131	
2012/13-2	ME-SCR	matrix spike	12/3/2012	Pesticide	Cyanazine	n/a	=	0.69	µg/L	EPA 525.2	0.024	0.1			
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Pesticide	Cyanazine	n/a	=	69	%	EPA 525.2	-88	-88	26	145	
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Pesticide	Cyanazine	n/a	=	0.62	µg/L	EPA 525.2	0.024	0.1			
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Pesticide	Cyanazine	n/a	=	62	%	EPA 525.2	-88	-88	26	145	
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Pesticide	Cyanazine	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2012/13-2	MO-OXN	matrix spike	12/5/2012	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			GB
2012/13-2	MO-OXN	matrix spike, rec	12/5/2012	Pesticide	Cyanazine	n/a	=	0	%	EPA 525.2	-88	-88	26	145	GB
2012/13-2	MO-OXN	matrix spike dup	12/5/2012	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			GB
2012/13-2	MO-OXN	matrix spike dup, rec	12/5/2012	Pesticide	Cyanazine	n/a	=	0	%	EPA 525.2	-88	-88	26	145	GB
2012/13-2	MO-OXN	matrix spike, RPD	12/5/2012	Pesticide	Cyanazine	n/a	=	0	%	EPA 525.2	-88	-88	0	30	GB
2012/13-2	Lab	method blank	12/1/2012	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2012/13-2	Lab	LCS	12/1/2012	Pesticide	Dalapon	n/a	=	8.56	µg/L	EPA 515.3	0.1	0.4			
2012/13-2	Lab	LCS, rec	12/1/2012	Pesticide	Dalapon	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike	12/1/2012	Pesticide	Dalapon	n/a	=	8.13	µg/L	EPA 515.3	0.1	0.4			
2012/13-2	ME-CC	matrix spike, rec	12/1/2012	Pesticide	Dalapon	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike dup	12/1/2012	Pesticide	Dalapon	n/a	=	8.11	µg/L	EPA 515.3	0.1	0.4			
2012/13-2	ME-CC	matrix spike dup, rec	12/1/2012	Pesticide	Dalapon	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike, RPD	12/1/2012	Pesticide	Dalapon	n/a	=	0.2	%	EPA 515.3	-88	-88	0	30	
2012/13-2	Lab	method blank	12/1/2012	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2012/13-2	Lab	LCS	12/1/2012	Pesticide	DCPA (Dacthal)	n/a	=	2.81	µg/L	EPA 515.3	0.07	0.1			
2012/13-2	Lab	LCS, rec	12/1/2012	Pesticide	DCPA (Dacthal)	n/a	=	70	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike	12/1/2012	Pesticide	DCPA (Dacthal)	n/a	=	3.47	µg/L	EPA 515.3	0.07	0.1			GB

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	ME-CC	matrix spike, rec	12/1/2012	Pesticide	DCPA (Dacthal)	n/a	=	66	%	EPA 515.3	-88	-88	70	130	GB
2012/13-2	ME-CC	matrix spike dup	12/1/2012	Pesticide	DCPA (Dacthal)	n/a	=	3.5	µg/L	EPA 515.3	0.07	0.1			GB
2012/13-2	ME-CC	matrix spike dup, rec	12/1/2012	Pesticide	DCPA (Dacthal)	n/a	=	66	%	EPA 515.3	-88	-88	70	130	GB
2012/13-2	ME-CC	matrix spike, RPD	12/1/2012	Pesticide	DCPA (Dacthal)	n/a	=	0.8	%	EPA 515.3	-88	-88	0	30	GB
2012/13-2	Lab	method blank	11/27/2012	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2012/13-2	Lab	LCS	11/27/2012	Pesticide	delta-BHC	n/a	=	0.0758	µg/L	EPA 608	0.0025	0.005			
2012/13-2	Lab	LCS, rec	11/27/2012	Pesticide	delta-BHC	n/a	=	76	%	EPA 608	-88	-88	19	140	
2012/13-2	ME-VR2	matrix spike	11/27/2012	Pesticide	delta-BHC	n/a	=	0.0903	µg/L	EPA 608	0.0025	0.005			
2012/13-2	ME-VR2	matrix spike, rec	11/27/2012	Pesticide	delta-BHC	n/a	=	90	%	EPA 608	-88	-88	19	140	
2012/13-2	ME-VR2	matrix spike dup	11/27/2012	Pesticide	delta-BHC	n/a	=	0.0732	µg/L	EPA 608	0.0025	0.005			
2012/13-2	ME-VR2	matrix spike dup, rec	11/27/2012	Pesticide	delta-BHC	n/a	=	73	%	EPA 608	-88	-88	19	140	
2012/13-2	ME-VR2	matrix spike, RPD	11/27/2012	Pesticide	delta-BHC	n/a	=	21	%	EPA 608	-88	-88	0	30	
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Demeton-O	n/a	=	0.0375	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Demeton-O	n/a	=	75	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Demeton-O	n/a	=	0.0459	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Demeton-O	n/a	=	92	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Demeton-O	n/a	=	0.0573	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Demeton-O	n/a	=	0.0554	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Demeton-O	n/a	=	111	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Demeton-O	n/a	=	115	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Demeton-O	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Demeton-O	n/a	=	0.0589	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Demeton-O	n/a	=	0.0459	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Demeton-O	n/a	=	92	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Demeton-O	n/a	=	118	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Demeton-O	n/a	=	25	%	EPA 525.2	-88	-88	0	25	
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Demeton-S	n/a	=	0.0375	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Demeton-S	n/a	=	75	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Demeton-S	n/a	=	0.0459	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Demeton-S	n/a	=	92	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Demeton-S	n/a	=	0.0573	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Demeton-S	n/a	=	0.0554	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Demeton-S	n/a	=	111	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Demeton-S	n/a	=	115	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Demeton-S	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Demeton-S	n/a	=	0.0589	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Demeton-S	n/a	=	0.0459	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Demeton-S	n/a	=	92	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Demeton-S	n/a	=	118	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Demeton-S	n/a	=	25	%	EPA 525.2	-88	-88	0	25	
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Diazinon	n/a	=	0.0607	µg/L	EPA 525.2	0.0052	0.01			
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Diazinon	n/a	=	121	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	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	
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Diazinon	n/a	=	0.0599	µg/L	EPA 525.2	0.0052	0.01			
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Diazinon	n/a	=	120	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Diazinon	n/a	=	0.0629	µg/L	EPA 525.2	0.0052	0.01			
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Diazinon	n/a	=	0.0636	µg/L	EPA 525.2	0.0052	0.01			
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Diazinon	n/a	=	127	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Diazinon	n/a	=	126	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Diazinon	n/a	=	1	%	EPA 525.2	-88	-88	0	25	
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Diazinon	n/a	=	0.0642	µg/L	EPA 525.2	0.0052	0.01			
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Diazinon	n/a	=	0.0599	µg/L	EPA 525.2	0.0052	0.01			
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Diazinon	n/a	=	120	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Diazinon	n/a	=	128	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Diazinon	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2012/13-2	Lab	method blank	12/1/2012	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2012/13-2	Lab	LCS	12/1/2012	Pesticide	Dicamba	n/a	=	8.01	µg/L	EPA 515.3	0.12	0.6			
2012/13-2	Lab	LCS, rec	12/1/2012	Pesticide	Dicamba	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike	12/1/2012	Pesticide	Dicamba	n/a	=	7.67	µg/L	EPA 515.3	0.12	0.6			
2012/13-2	ME-CC	matrix spike, rec	12/1/2012	Pesticide	Dicamba	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike dup	12/1/2012	Pesticide	Dicamba	n/a	=	7.52	µg/L	EPA 515.3	0.12	0.6			
2012/13-2	ME-CC	matrix spike dup, rec	12/1/2012	Pesticide	Dicamba	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike, RPD	12/1/2012	Pesticide	Dicamba	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-2	Lab	method blank	12/1/2012	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2012/13-2	Lab	LCS	12/1/2012	Pesticide	Dichlorprop	n/a	=	6.95	µg/L	EPA 515.3	0.08	0.3			
2012/13-2	Lab	LCS, rec	12/1/2012	Pesticide	Dichlorprop	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike	12/1/2012	Pesticide	Dichlorprop	n/a	=	6.22	µg/L	EPA 515.3	0.08	0.3			
2012/13-2	ME-CC	matrix spike, rec	12/1/2012	Pesticide	Dichlorprop	n/a	=	78	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike dup	12/1/2012	Pesticide	Dichlorprop	n/a	=	5.72	µg/L	EPA 515.3	0.08	0.3			
2012/13-2	ME-CC	matrix spike dup, rec	12/1/2012	Pesticide	Dichlorprop	n/a	=	72	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike, RPD	12/1/2012	Pesticide	Dichlorprop	n/a	=	8	%	EPA 515.3	-88	-88	0	30	
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Dichlorvos	n/a	=	0.0389	µg/L	EPA 525.2	0.0029	0.01			
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Dichlorvos	n/a	=	78	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Dichlorvos	n/a	=	0.0414	µg/L	EPA 525.2	0.0029	0.01			
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Dichlorvos	n/a	=	83	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Dichlorvos	n/a	=	0.0437	µg/L	EPA 525.2	0.0029	0.01			
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Dichlorvos	n/a	=	0.0397	µg/L	EPA 525.2	0.0029	0.01			
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Dichlorvos	n/a	=	79	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Dichlorvos	n/a	=	87	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Dichlorvos	n/a	=	10	%	EPA 525.2	-88	-88	0	25	
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Dichlorvos	n/a	=	0.0459	µg/L	EPA 525.2	0.0029	0.01			
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Dichlorvos	n/a	=	0.0414	µg/L	EPA 525.2	0.0029	0.01			
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Dichlorvos	n/a	=	83	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Dichlorvos	n/a	=	92	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Dichlorvos	n/a	=	10	%	EPA 525.2	-88	-88	0	25	
2012/13-2	Lab	method blank	11/27/2012	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2012/13-2	Lab	LCS	11/27/2012	Pesticide	Dieldrin	n/a	=	0.0833	µg/L	EPA 608	0.0021	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	Lab	LCS, rec	11/27/2012	Pesticide	Dieldrin	n/a	=	83	%	EPA 608	-88	-88	36	146	
2012/13-2	ME-VR2	matrix spike	11/27/2012	Pesticide	Dieldrin	n/a	=	0.0959	µg/L	EPA 608	0.0021	0.01			
2012/13-2	ME-VR2	matrix spike, rec	11/27/2012	Pesticide	Dieldrin	n/a	=	96	%	EPA 608	-88	-88	36	146	
2012/13-2	ME-VR2	matrix spike dup	11/27/2012	Pesticide	Dieldrin	n/a	=	0.0752	µg/L	EPA 608	0.0021	0.01			
2012/13-2	ME-VR2	matrix spike dup, rec	11/27/2012	Pesticide	Dieldrin	n/a	=	75	%	EPA 608	-88	-88	36	146	
2012/13-2	ME-VR2	matrix spike, RPD	11/27/2012	Pesticide	Dieldrin	n/a	=	24	%	EPA 608	-88	-88	0	30	
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Dimethoate	n/a	=	0.0585	µg/L	EPA 525.2	0.0062	0.01			
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Dimethoate	n/a	=	117	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Dimethoate	n/a	=	0.074	µg/L	EPA 525.2	0.0062	0.01			
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Dimethoate	n/a	=	148	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Dimethoate	n/a	=	0.0604	µg/L	EPA 525.2	0.0062	0.01			
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Dimethoate	n/a	=	0.0494	µg/L	EPA 525.2	0.0062	0.01			
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Dimethoate	n/a	=	99	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Dimethoate	n/a	=	121	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Dimethoate	n/a	=	20	%	EPA 525.2	-88	-88	0	25	
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Dimethoate	n/a	=	0.109	µg/L	EPA 525.2	0.0062	0.01			GB
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Dimethoate	n/a	=	0.074	µg/L	EPA 525.2	0.0062	0.01			
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Dimethoate	n/a	=	148	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Dimethoate	n/a	=	218	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Dimethoate	n/a	=	38	%	EPA 525.2	-88	-88	0	25	IL
2012/13-2	Lab	method blank	12/1/2012	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2012/13-2	Lab	LCS	12/1/2012	Pesticide	Dinoseb	n/a	=	3.71	µg/L	EPA 515.3	0.14	0.4			
2012/13-2	Lab	LCS, rec	12/1/2012	Pesticide	Dinoseb	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike	12/1/2012	Pesticide	Dinoseb	n/a	=	3.56	µg/L	EPA 515.3	0.14	0.4			
2012/13-2	ME-CC	matrix spike, rec	12/1/2012	Pesticide	Dinoseb	n/a	=	89	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike dup	12/1/2012	Pesticide	Dinoseb	n/a	=	3.59	µg/L	EPA 515.3	0.14	0.4			
2012/13-2	ME-CC	matrix spike dup, rec	12/1/2012	Pesticide	Dinoseb	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike, RPD	12/1/2012	Pesticide	Dinoseb	n/a	=	0.8	%	EPA 515.3	-88	-88	0	30	
2012/13-2	Lab	method blank	12/3/2012	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2012/13-2	Lab	LCS	12/3/2012	Pesticide	Diphenamid	n/a	=	1.02	µg/L	EPA 525.2	0.024	0.1			
2012/13-2	Lab	LCS, rec	12/3/2012	Pesticide	Diphenamid	n/a	=	102	%	EPA 525.2	-88	-88	82	144	
2012/13-2	Lab	method blank	12/5/2012	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2012/13-2	Lab	LCS	12/5/2012	Pesticide	Diphenamid	n/a	=	1.01	µg/L	EPA 525.2	0.024	0.1			
2012/13-2	Lab	LCS, rec	12/5/2012	Pesticide	Diphenamid	n/a	=	101	%	EPA 525.2	-88	-88	82	144	
2012/13-2	ME-SCR	matrix spike	12/3/2012	Pesticide	Diphenamid	n/a	=	0.96	µg/L	EPA 525.2	0.024	0.1			
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Pesticide	Diphenamid	n/a	=	96	%	EPA 525.2	-88	-88	86	130	
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Pesticide	Diphenamid	n/a	=	1.17	µg/L	EPA 525.2	0.024	0.1			
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Pesticide	Diphenamid	n/a	=	117	%	EPA 525.2	-88	-88	86	130	
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Pesticide	Diphenamid	n/a	=	20	%	EPA 525.2	-88	-88	0	30	
2012/13-2	MO-OXN	matrix spike	12/5/2012	Pesticide	Diphenamid	n/a	=	1	µg/L	EPA 525.2	0.024	0.1			
2012/13-2	MO-OXN	matrix spike, rec	12/5/2012	Pesticide	Diphenamid	n/a	=	100	%	EPA 525.2	-88	-88	86	130	
2012/13-2	MO-OXN	matrix spike dup	12/5/2012	Pesticide	Diphenamid	n/a	=	0.99	µg/L	EPA 525.2	0.024	0.1			
2012/13-2	MO-OXN	matrix spike dup, rec	12/5/2012	Pesticide	Diphenamid	n/a	=	99	%	EPA 525.2	-88	-88	86	130	
2012/13-2	MO-OXN	matrix spike, RPD	12/5/2012	Pesticide	Diphenamid	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Disulfoton	n/a	=	0.0336	µg/L	EPA 525.2	0.01	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Disulfoton	n/a	=	67	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Disulfoton	n/a	=	0.0441	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Disulfoton	n/a	=	88	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Disulfoton	n/a	=	0.0567	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Disulfoton	n/a	=	0.0569	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Disulfoton	n/a	=	114	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Disulfoton	n/a	=	113	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Disulfoton	n/a	=	0.4	%	EPA 525.2	-88	-88	0	25	
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Disulfoton	n/a	=	0.0564	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Disulfoton	n/a	=	0.0441	µg/L	EPA 525.2	0.01	0.01			
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Disulfoton	n/a	=	88	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Disulfoton	n/a	=	113	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Disulfoton	n/a	=	24	%	EPA 525.2	-88	-88	0	25	
2012/13-2	Lab	method blank	11/27/2012	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2012/13-2	Lab	LCS	11/27/2012	Pesticide	Endosulfan I	n/a	=	0.0547	µg/L	EPA 608	0.0017	0.02			
2012/13-2	Lab	LCS, rec	11/27/2012	Pesticide	Endosulfan I	n/a	=	55	%	EPA 608	-88	-88	45	153	
2012/13-2	ME-VR2	matrix spike	11/27/2012	Pesticide	Endosulfan I	n/a	=	0.056	µg/L	EPA 608	0.0017	0.02			
2012/13-2	ME-VR2	matrix spike, rec	11/27/2012	Pesticide	Endosulfan I	n/a	=	56	%	EPA 608	-88	-88	45	153	
2012/13-2	ME-VR2	matrix spike dup	11/27/2012	Pesticide	Endosulfan I	n/a	=	0.0429	µg/L	EPA 608	0.0017	0.02			GB
2012/13-2	ME-VR2	matrix spike dup, rec	11/27/2012	Pesticide	Endosulfan I	n/a	=	43	%	EPA 608	-88	-88	45	153	GB
2012/13-2	ME-VR2	matrix spike, RPD	11/27/2012	Pesticide	Endosulfan I	n/a	=	27	%	EPA 608	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2012/13-2	Lab	LCS	11/27/2012	Pesticide	Endosulfan II	n/a	=	0.0814	µg/L	EPA 608	0.0019	0.01			
2012/13-2	Lab	LCS, rec	11/27/2012	Pesticide	Endosulfan II	n/a	=	81	%	EPA 608	-88	-88	2	202	
2012/13-2	ME-VR2	matrix spike	11/27/2012	Pesticide	Endosulfan II	n/a	=	0.0934	µg/L	EPA 608	0.0019	0.01			
2012/13-2	ME-VR2	matrix spike, rec	11/27/2012	Pesticide	Endosulfan II	n/a	=	93	%	EPA 608	-88	-88	2	202	
2012/13-2	ME-VR2	matrix spike dup	11/27/2012	Pesticide	Endosulfan II	n/a	=	0.0766	µg/L	EPA 608	0.0019	0.01			
2012/13-2	ME-VR2	matrix spike dup, rec	11/27/2012	Pesticide	Endosulfan II	n/a	=	77	%	EPA 608	-88	-88	2	202	
2012/13-2	ME-VR2	matrix spike, RPD	11/27/2012	Pesticide	Endosulfan II	n/a	=	20	%	EPA 608	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2012/13-2	Lab	LCS	11/27/2012	Pesticide	Endosulfan sulfate	n/a	=	0.0862	µg/L	EPA 608	0.008	0.05			
2012/13-2	Lab	LCS, rec	11/27/2012	Pesticide	Endosulfan sulfate	n/a	=	86	%	EPA 608	-88	-88	26	144	
2012/13-2	ME-VR2	matrix spike	11/27/2012	Pesticide	Endosulfan sulfate	n/a	=	0.106	µg/L	EPA 608	0.008	0.05			
2012/13-2	ME-VR2	matrix spike, rec	11/27/2012	Pesticide	Endosulfan sulfate	n/a	=	106	%	EPA 608	-88	-88	26	144	
2012/13-2	ME-VR2	matrix spike dup	11/27/2012	Pesticide	Endosulfan sulfate	n/a	=	0.0875	µg/L	EPA 608	0.008	0.05			
2012/13-2	ME-VR2	matrix spike dup, rec	11/27/2012	Pesticide	Endosulfan sulfate	n/a	=	88	%	EPA 608	-88	-88	26	144	
2012/13-2	ME-VR2	matrix spike, RPD	11/27/2012	Pesticide	Endosulfan sulfate	n/a	=	19	%	EPA 608	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2012/13-2	Lab	LCS	11/27/2012	Pesticide	Endrin	n/a	=	0.078	µg/L	EPA 608	0.0028	0.01			
2012/13-2	Lab	LCS, rec	11/27/2012	Pesticide	Endrin	n/a	=	78	%	EPA 608	-88	-88	30	147	
2012/13-2	ME-VR2	matrix spike	11/27/2012	Pesticide	Endrin	n/a	=	0.107	µg/L	EPA 608	0.0028	0.01			
2012/13-2	ME-VR2	matrix spike, rec	11/27/2012	Pesticide	Endrin	n/a	=	107	%	EPA 608	-88	-88	30	147	
2012/13-2	ME-VR2	matrix spike dup	11/27/2012	Pesticide	Endrin	n/a	=	0.0857	µg/L	EPA 608	0.0028	0.01			
2012/13-2	ME-VR2	matrix spike dup, rec	11/27/2012	Pesticide	Endrin	n/a	=	86	%	EPA 608	-88	-88	30	147	
2012/13-2	ME-VR2	matrix spike, RPD	11/27/2012	Pesticide	Endrin	n/a	=	22	%	EPA 608	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	Lab	method blank	11/27/2012	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2012/13-2	Lab	LCS	11/27/2012	Pesticide	Endrin aldehyde	n/a	=	0.0819	µg/L	EPA 608	0.003	0.01			
2012/13-2	Lab	LCS, rec	11/27/2012	Pesticide	Endrin aldehyde	n/a	=	82	%	EPA 608	-88	-88	41	203	
2012/13-2	ME-VR2	matrix spike	11/27/2012	Pesticide	Endrin aldehyde	n/a	=	0.0897	µg/L	EPA 608	0.003	0.01			
2012/13-2	ME-VR2	matrix spike, rec	11/27/2012	Pesticide	Endrin aldehyde	n/a	=	90	%	EPA 608	-88	-88	30	180	
2012/13-2	ME-VR2	matrix spike dup	11/27/2012	Pesticide	Endrin aldehyde	n/a	=	0.0727	µg/L	EPA 608	0.003	0.01			
2012/13-2	ME-VR2	matrix spike dup, rec	11/27/2012	Pesticide	Endrin aldehyde	n/a	=	73	%	EPA 608	-88	-88	30	180	
2012/13-2	ME-VR2	matrix spike, RPD	11/27/2012	Pesticide	Endrin aldehyde	n/a	=	21	%	EPA 608	-88	-88	0	30	
2012/13-2	Lab	method blank	12/3/2012	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2012/13-2	Lab	LCS	12/3/2012	Pesticide	EPTC	n/a	=	1.06	µg/L	EPA 525.2	0.017	1			
2012/13-2	Lab	LCS, rec	12/3/2012	Pesticide	EPTC	n/a	=	106	%	EPA 525.2	-88	-88	75	110	
2012/13-2	Lab	method blank	12/5/2012	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2012/13-2	Lab	LCS	12/5/2012	Pesticide	EPTC	n/a	DNQ	0.93	µg/L	EPA 525.2	0.017	1			
2012/13-2	Lab	LCS, rec	12/5/2012	Pesticide	EPTC	n/a	=	93	%	EPA 525.2	-88	-88	75	110	
2012/13-2	ME-SCR	matrix spike	12/3/2012	Pesticide	EPTC	n/a	=	1.16	µg/L	EPA 525.2	0.017	1			
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Pesticide	EPTC	n/a	=	116	%	EPA 525.2	-88	-88	67	119	
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Pesticide	EPTC	n/a	DNQ	0.97	µg/L	EPA 525.2	0.017	1			
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Pesticide	EPTC	n/a	=	97	%	EPA 525.2	-88	-88	67	119	
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Pesticide	EPTC	n/a	=	18	%	EPA 525.2	-88	-88	0	30	
2012/13-2	MO-OXN	matrix spike	12/5/2012	Pesticide	EPTC	n/a	DNQ	0.9	µg/L	EPA 525.2	0.017	1			
2012/13-2	MO-OXN	matrix spike, rec	12/5/2012	Pesticide	EPTC	n/a	=	90	%	EPA 525.2	-88	-88	67	119	
2012/13-2	MO-OXN	matrix spike dup	12/5/2012	Pesticide	EPTC	n/a	DNQ	0.89	µg/L	EPA 525.2	0.017	1			
2012/13-2	MO-OXN	matrix spike dup, rec	12/5/2012	Pesticide	EPTC	n/a	=	89	%	EPA 525.2	-88	-88	67	119	
2012/13-2	MO-OXN	matrix spike, RPD	12/5/2012	Pesticide	EPTC	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Ethoprop	n/a	=	0.066	µg/L	EPA 525.2	0.0067	0.01			
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Ethoprop	n/a	=	132	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Ethoprop	n/a	=	0.067	µg/L	EPA 525.2	0.0067	0.01			
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Ethoprop	n/a	=	134	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Ethoprop	n/a	=	0.0732	µg/L	EPA 525.2	0.0067	0.01			
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Ethoprop	n/a	=	0.0699	µg/L	EPA 525.2	0.0067	0.01			
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Ethoprop	n/a	=	140	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Ethoprop	n/a	=	146	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Ethoprop	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Ethoprop	n/a	=	0.0727	µg/L	EPA 525.2	0.0067	0.01			
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Ethoprop	n/a	=	0.067	µg/L	EPA 525.2	0.0067	0.01			
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Ethoprop	n/a	=	134	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Ethoprop	n/a	=	145	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Ethoprop	n/a	=	8	%	EPA 525.2	-88	-88	0	25	
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Ethyl parathion	n/a	=	0.0755	µg/L	EPA 525.2	0.0054	0.01			EUM
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Ethyl parathion	n/a	=	151	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Ethyl parathion	n/a	=	0.148	µg/L	EPA 525.2	0.0054	0.01			EUM
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Ethyl parathion	n/a	=	296	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Ethyl parathion	n/a	=	0.121	µg/L	EPA 525.2	0.0054	0.01			GB

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Ethyl parathion	n/a	=	0.115	µg/L	EPA 525.2	0.0054	0.01			GB
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Ethyl parathion	n/a	=	230	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Ethyl parathion	n/a	=	241	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Ethyl parathion	n/a	=	5	%	EPA 525.2	-88	-88	0	25	GB
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Ethyl parathion	n/a	=	0.142	µg/L	EPA 525.2	0.0054	0.01			GB
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Ethyl parathion	n/a	=	0.148	µg/L	EPA 525.2	0.0054	0.01			GB
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Ethyl parathion	n/a	=	297	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Ethyl parathion	n/a	=	283	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Ethyl parathion	n/a	=	5	%	EPA 525.2	-88	-88	0	25	GB
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Fensulfothion	n/a	=	0.0932	µg/L	EPA 525.2	0.0029	0.01			EUM
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Fensulfothion	n/a	=	186	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Fensulfothion	n/a	=	0.232	µg/L	EPA 525.2	0.0029	0.01			EUM
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Fensulfothion	n/a	=	464	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Fensulfothion	n/a	=	0.223	µg/L	EPA 525.2	0.0029	0.01			GB
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Fensulfothion	n/a	=	0.2	µg/L	EPA 525.2	0.0029	0.01			GB
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Fensulfothion	n/a	=	400	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Fensulfothion	n/a	=	445	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Fensulfothion	n/a	=	11	%	EPA 525.2	-88	-88	0	25	GB
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Fensulfothion	n/a	=	0.232	µg/L	EPA 525.2	0.0029	0.01			GB
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Fensulfothion	n/a	=	0.232	µg/L	EPA 525.2	0.0029	0.01			GB
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Fensulfothion	n/a	=	464	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Fensulfothion	n/a	=	464	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Fensulfothion	n/a	=	0.2	%	EPA 525.2	-88	-88	0	25	GB
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Fenthion	n/a	=	0.0531	µg/L	EPA 525.2	0.0038	0.01			
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Fenthion	n/a	=	106	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Fenthion	n/a	=	0.0587	µg/L	EPA 525.2	0.0038	0.01			
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Fenthion	n/a	=	117	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Fenthion	n/a	=	0.0611	µg/L	EPA 525.2	0.0038	0.01			
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Fenthion	n/a	=	0.058	µg/L	EPA 525.2	0.0038	0.01			
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Fenthion	n/a	=	116	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Fenthion	n/a	=	122	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Fenthion	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Fenthion	n/a	=	0.0726	µg/L	EPA 525.2	0.0038	0.01			
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Fenthion	n/a	=	0.0587	µg/L	EPA 525.2	0.0038	0.01			
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Fenthion	n/a	=	117	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Fenthion	n/a	=	145	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Fenthion	n/a	=	21	%	EPA 525.2	-88	-88	0	25	
2012/13-2	Lab	method blank	11/27/2012	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2012/13-2	Lab	LCS	11/27/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0723	µg/L	EPA 608	0.0021	0.02			
2012/13-2	Lab	LCS, rec	11/27/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	72	%	EPA 608	-88	-88	32	127	
2012/13-2	ME-VR2	matrix spike	11/27/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0786	µg/L	EPA 608	0.0021	0.02			
2012/13-2	ME-VR2	matrix spike, rec	11/27/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	79	%	EPA 608	-88	-88	32	127	
2012/13-2	ME-VR2	matrix spike dup	11/27/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0601	µg/L	EPA 608	0.0021	0.02			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	ME-VR2	matrix spike dup, rec	11/27/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	60	%	EPA 608	-88	-88	32	127	
2012/13-2	ME-VR2	matrix spike, RPD	11/27/2012	Pesticide	gamma-BHC (Lindane)	n/a	=	27	%	EPA 608	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2012/13-2	000NONPJ	matrix spike	11/28/2012	Pesticide	Glyphosate	n/a	=	23.2	µg/L	EPA 547	1.8	5			QAX
2012/13-2	000NONPJ	matrix spike dup	11/28/2012	Pesticide	Glyphosate	n/a	=	28.9	µg/L	EPA 547	1.8	5			QAX
2012/13-2	000NONPJ	matrix spike dup, rec	11/28/2012	Pesticide	Glyphosate	n/a	=	116	%	EPA 547	-88	-88	68	134	QAX
2012/13-2	000NONPJ	matrix spike, rec	11/28/2012	Pesticide	Glyphosate	n/a	=	93	%	EPA 547	-88	-88	68	134	QAX
2012/13-2	000NONPJ	matrix spike, RPD	11/28/2012	Pesticide	Glyphosate	n/a	=	22	%	EPA 547	-88	-88	0	30	QAX
2012/13-2	Lab	LCS	11/28/2012	Pesticide	Glyphosate	n/a	=	26.9	µg/L	EPA 547	1.8	5			
2012/13-2	Lab	LCS, rec	11/28/2012	Pesticide	Glyphosate	n/a	=	108	%	EPA 547	-88	-88	71	137	
2012/13-2	Lab	method blank	11/28/2012	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2012/13-2	ME-CC	matrix spike	11/28/2012	Pesticide	Glyphosate	n/a	=	34.8	µg/L	EPA 547	1.8	5			
2012/13-2	ME-CC	matrix spike dup	11/28/2012	Pesticide	Glyphosate	n/a	=	30	µg/L	EPA 547	1.8	5			
2012/13-2	ME-CC	matrix spike dup, rec	11/28/2012	Pesticide	Glyphosate	n/a	=	84	%	EPA 547	-88	-88	68	134	
2012/13-2	ME-CC	matrix spike, rec	11/28/2012	Pesticide	Glyphosate	n/a	=	103	%	EPA 547	-88	-88	68	134	
2012/13-2	ME-CC	matrix spike, RPD	11/28/2012	Pesticide	Glyphosate	n/a	=	15	%	EPA 547	-88	-88	0	30	
2012/13-2	Lab	method blank	11/27/2012	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2012/13-2	Lab	LCS	11/27/2012	Pesticide	Heptachlor	n/a	=	0.0562	µg/L	EPA 608	0.0017	0.01			
2012/13-2	Lab	LCS, rec	11/27/2012	Pesticide	Heptachlor	n/a	=	56	%	EPA 608	-88	-88	34	111	
2012/13-2	ME-VR2	matrix spike	11/27/2012	Pesticide	Heptachlor	n/a	=	0.0936	µg/L	EPA 608	0.0017	0.01			
2012/13-2	ME-VR2	matrix spike, rec	11/27/2012	Pesticide	Heptachlor	n/a	=	94	%	EPA 608	-88	-88	34	111	
2012/13-2	ME-VR2	matrix spike dup	11/27/2012	Pesticide	Heptachlor	n/a	=	0.0673	µg/L	EPA 608	0.0017	0.01			
2012/13-2	ME-VR2	matrix spike dup, rec	11/27/2012	Pesticide	Heptachlor	n/a	=	67	%	EPA 608	-88	-88	34	111	
2012/13-2	ME-VR2	matrix spike, RPD	11/27/2012	Pesticide	Heptachlor	n/a	=	33	%	EPA 608	-88	-88	0	30	IL
2012/13-2	Lab	method blank	11/27/2012	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2012/13-2	Lab	LCS	11/27/2012	Pesticide	Heptachlor epoxide	n/a	=	0.0822	µg/L	EPA 608	0.0019	0.01			
2012/13-2	Lab	LCS, rec	11/27/2012	Pesticide	Heptachlor epoxide	n/a	=	82	%	EPA 608	-88	-88	37	142	
2012/13-2	ME-VR2	matrix spike	11/27/2012	Pesticide	Heptachlor epoxide	n/a	=	0.0934	µg/L	EPA 608	0.0019	0.01			
2012/13-2	ME-VR2	matrix spike, rec	11/27/2012	Pesticide	Heptachlor epoxide	n/a	=	93	%	EPA 608	-88	-88	37	142	
2012/13-2	ME-VR2	matrix spike dup	11/27/2012	Pesticide	Heptachlor epoxide	n/a	=	0.0758	µg/L	EPA 608	0.0019	0.01			
2012/13-2	ME-VR2	matrix spike dup, rec	11/27/2012	Pesticide	Heptachlor epoxide	n/a	=	76	%	EPA 608	-88	-88	37	142	
2012/13-2	ME-VR2	matrix spike, RPD	11/27/2012	Pesticide	Heptachlor epoxide	n/a	=	21	%	EPA 608	-88	-88	0	30	
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Malathion	n/a	=	0.065	µg/L	EPA 525.2	0.0076	0.01			
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Malathion	n/a	=	130	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Malathion	n/a	=	0.099	µg/L	EPA 525.2	0.0076	0.01			EUM
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Malathion	n/a	=	198	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Malathion	n/a	=	0.121	µg/L	EPA 525.2	0.0076	0.01			
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Malathion	n/a	=	0.111	µg/L	EPA 525.2	0.0076	0.01			
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Malathion	n/a	=	125	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Malathion	n/a	=	145	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Malathion	n/a	=	9	%	EPA 525.2	-88	-88	0	25	
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Malathion	n/a	=	0.103	µg/L	EPA 525.2	0.0076	0.01			GB
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Malathion	n/a	=	0.099	µg/L	EPA 525.2	0.0076	0.01			GB
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Malathion	n/a	=	198	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Malathion	n/a	=	206	%	EPA 525.2	-88	-88	50	150	GB

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Malathion	n/a	=	4	%	EPA 525.2	-88	-88	0	25	GB
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Merphos	n/a	=	0.0627	µg/L	EPA 525.2	0.0058	0.01			
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Merphos	n/a	=	125	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Merphos	n/a	=	0.0739	µg/L	EPA 525.2	0.0058	0.01			
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Merphos	n/a	=	148	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Merphos	n/a	=	0.0934	µg/L	EPA 525.2	0.0058	0.01			GB
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Merphos	n/a	=	0.113	µg/L	EPA 525.2	0.0058	0.01			GB
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Merphos	n/a	=	226	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Merphos	n/a	=	187	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Merphos	n/a	=	19	%	EPA 525.2	-88	-88	0	25	GB
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Merphos	n/a	=	0.0801	µg/L	EPA 525.2	0.0058	0.01			GB
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Merphos	n/a	=	0.0739	µg/L	EPA 525.2	0.0058	0.01			
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Merphos	n/a	=	148	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Merphos	n/a	=	160	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Merphos	n/a	=	8	%	EPA 525.2	-88	-88	0	25	GB
2012/13-2	Lab	method blank	11/27/2012	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Methyl parathion	n/a	=	0.0709	µg/L	EPA 525.2	0.0063	0.01			
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Methyl parathion	n/a	=	142	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Methyl parathion	n/a	=	0.167	µg/L	EPA 525.2	0.0063	0.01			EUM
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Methyl parathion	n/a	=	334	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Methyl parathion	n/a	=	0.114	µg/L	EPA 525.2	0.0063	0.01			GB
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Methyl parathion	n/a	=	0.0963	µg/L	EPA 525.2	0.0063	0.01			GB
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Methyl parathion	n/a	=	193	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Methyl parathion	n/a	=	229	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Methyl parathion	n/a	=	17	%	EPA 525.2	-88	-88	0	25	GB
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Methyl parathion	n/a	=	0.174	µg/L	EPA 525.2	0.0063	0.01			GB
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Methyl parathion	n/a	=	0.168	µg/L	EPA 525.2	0.0063	0.01			GB
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Methyl parathion	n/a	=	335	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Methyl parathion	n/a	=	349	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Methyl parathion	n/a	=	4	%	EPA 525.2	-88	-88	0	25	GB
2012/13-2	Lab	method blank	12/3/2012	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2012/13-2	Lab	LCS	12/3/2012	Pesticide	Metolachlor	n/a	=	0.88	µg/L	EPA 525.2	0.012	0.1			
2012/13-2	Lab	LCS, rec	12/3/2012	Pesticide	Metolachlor	n/a	=	88	%	EPA 525.2	-88	-88	55	170	
2012/13-2	Lab	method blank	12/5/2012	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2012/13-2	Lab	LCS	12/5/2012	Pesticide	Metolachlor	n/a	=	1.02	µg/L	EPA 525.2	0.012	0.1			
2012/13-2	Lab	LCS, rec	12/5/2012	Pesticide	Metolachlor	n/a	=	102	%	EPA 525.2	-88	-88	55	170	
2012/13-2	ME-SCR	matrix spike	12/3/2012	Pesticide	Metolachlor	n/a	=	1.09	µg/L	EPA 525.2	0.012	0.1			
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Pesticide	Metolachlor	n/a	=	109	%	EPA 525.2	-88	-88	53	178	
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Pesticide	Metolachlor	n/a	=	0.97	µg/L	EPA 525.2	0.012	0.1			
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Pesticide	Metolachlor	n/a	=	97	%	EPA 525.2	-88	-88	53	178	
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Pesticide	Metolachlor	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2012/13-2	MO-OXN	matrix spike	12/5/2012	Pesticide	Metolachlor	n/a	=	1.11	µg/L	EPA 525.2	0.012	0.1			
2012/13-2	MO-OXN	matrix spike, rec	12/5/2012	Pesticide	Metolachlor	n/a	=	111	%	EPA 525.2	-88	-88	53	178	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	MO-OXN	matrix spike dup	12/5/2012	Pesticide	Metolachlor	n/a	=	1.16	µg/L	EPA 525.2	0.012	0.1			
2012/13-2	MO-OXN	matrix spike dup, rec	12/5/2012	Pesticide	Metolachlor	n/a	=	116	%	EPA 525.2	-88	-88	53	178	
2012/13-2	MO-OXN	matrix spike, RPD	12/5/2012	Pesticide	Metolachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2012/13-2	Lab	method blank	12/3/2012	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2012/13-2	Lab	LCS	12/3/2012	Pesticide	Metribuzin	n/a	=	0.87	µg/L	EPA 525.2	0.015	0.1			
2012/13-2	Lab	LCS, rec	12/3/2012	Pesticide	Metribuzin	n/a	=	87	%	EPA 525.2	-88	-88	44	149	
2012/13-2	Lab	method blank	12/5/2012	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2012/13-2	Lab	LCS	12/5/2012	Pesticide	Metribuzin	n/a	=	0.94	µg/L	EPA 525.2	0.015	0.1			
2012/13-2	Lab	LCS, rec	12/5/2012	Pesticide	Metribuzin	n/a	=	94	%	EPA 525.2	-88	-88	44	149	
2012/13-2	ME-SCR	matrix spike	12/3/2012	Pesticide	Metribuzin	n/a	=	1.02	µg/L	EPA 525.2	0.015	0.1			
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Pesticide	Metribuzin	n/a	=	102	%	EPA 525.2	-88	-88	64	155	
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Pesticide	Metribuzin	n/a	=	0.92	µg/L	EPA 525.2	0.015	0.1			
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Pesticide	Metribuzin	n/a	=	92	%	EPA 525.2	-88	-88	64	155	
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Pesticide	Metribuzin	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2012/13-2	MO-OXN	matrix spike	12/5/2012	Pesticide	Metribuzin	n/a	=	0.83	µg/L	EPA 525.2	0.015	0.1			
2012/13-2	MO-OXN	matrix spike, rec	12/5/2012	Pesticide	Metribuzin	n/a	=	83	%	EPA 525.2	-88	-88	64	155	
2012/13-2	MO-OXN	matrix spike dup	12/5/2012	Pesticide	Metribuzin	n/a	=	0.91	µg/L	EPA 525.2	0.015	0.1			
2012/13-2	MO-OXN	matrix spike dup, rec	12/5/2012	Pesticide	Metribuzin	n/a	=	91	%	EPA 525.2	-88	-88	64	155	
2012/13-2	MO-OXN	matrix spike, RPD	12/5/2012	Pesticide	Metribuzin	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Mevinphos	n/a	=	0.0601	µg/L	EPA 525.2	0.0042	0.01			
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Mevinphos	n/a	=	120	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Mevinphos	n/a	=	0.0664	µg/L	EPA 525.2	0.0042	0.01			
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Mevinphos	n/a	=	133	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Mevinphos	n/a	=	0.0744	µg/L	EPA 525.2	0.0042	0.01			
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Mevinphos	n/a	=	0.0743	µg/L	EPA 525.2	0.0042	0.01			
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Mevinphos	n/a	=	149	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Mevinphos	n/a	=	149	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Mevinphos	n/a	=	0.1	%	EPA 525.2	-88	-88	0	25	
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Mevinphos	n/a	=	0.0713	µg/L	EPA 525.2	0.0042	0.01			
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Mevinphos	n/a	=	0.0664	µg/L	EPA 525.2	0.0042	0.01			
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Mevinphos	n/a	=	133	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Mevinphos	n/a	=	143	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Mevinphos	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2012/13-2	Lab	method blank	12/3/2012	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2012/13-2	Lab	LCS	12/3/2012	Pesticide	Molinate	n/a	=	1	µg/L	EPA 525.2	0.039	0.1			
2012/13-2	Lab	LCS, rec	12/3/2012	Pesticide	Molinate	n/a	=	100	%	EPA 525.2	-88	-88	76	116	
2012/13-2	Lab	method blank	12/5/2012	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2012/13-2	Lab	LCS	12/5/2012	Pesticide	Molinate	n/a	=	1.03	µg/L	EPA 525.2	0.039	0.1			
2012/13-2	Lab	LCS, rec	12/5/2012	Pesticide	Molinate	n/a	=	103	%	EPA 525.2	-88	-88	76	116	
2012/13-2	ME-SCR	matrix spike	12/3/2012	Pesticide	Molinate	n/a	=	1.12	µg/L	EPA 525.2	0.039	0.1			
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Pesticide	Molinate	n/a	=	112	%	EPA 525.2	-88	-88	68	125	
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Pesticide	Molinate	n/a	=	1.09	µg/L	EPA 525.2	0.039	0.1			
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Pesticide	Molinate	n/a	=	109	%	EPA 525.2	-88	-88	68	125	
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Pesticide	Molinate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2012/13-2	MO-OXN	matrix spike	12/5/2012	Pesticide	Molinate	n/a	=	0.98	µg/L	EPA 525.2	0.039	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	MO-OXN	matrix spike, rec	12/5/2012	Pesticide	Molinate	n/a	=	98	%	EPA 525.2	-88	-88	68	125	
2012/13-2	MO-OXN	matrix spike dup	12/5/2012	Pesticide	Molinate	n/a	=	0.9	µg/L	EPA 525.2	0.039	0.1			
2012/13-2	MO-OXN	matrix spike dup, rec	12/5/2012	Pesticide	Molinate	n/a	=	90	%	EPA 525.2	-88	-88	68	125	
2012/13-2	MO-OXN	matrix spike, RPD	12/5/2012	Pesticide	Molinate	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Naled	n/a	=	0.161	µg/L	EPA 525.2	0.0076	0.1			EUM
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Naled	n/a	=	322	%	EPA 525.2	-88	-88	5	150	EUM
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.1			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Naled	n/a	=	0.634	µg/L	EPA 525.2	0.0076	0.1			EUM
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Naled	n/a	=	1270	%	EPA 525.2	-88	-88	5	150	EUM
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.1			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Naled	n/a	=	0.105	µg/L	EPA 525.2	0.0076	0.1			GB
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Naled	n/a	=	0.188	µg/L	EPA 525.2	0.0076	0.1			GB
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Naled	n/a	=	376	%	EPA 525.2	-88	-88	5	150	GB
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Naled	n/a	=	210	%	EPA 525.2	-88	-88	5	150	GB
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Naled	n/a	=	56	%	EPA 525.2	-88	-88	0	25	GB,IL
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Naled	n/a	=	0.559	µg/L	EPA 525.2	0.0076	0.1			GB
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Naled	n/a	=	0.634	µg/L	EPA 525.2	0.0076	0.1			GB
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Naled	n/a	=	1270	%	EPA 525.2	-88	-88	5	150	GB
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Naled	n/a	=	1120	%	EPA 525.2	-88	-88	5	150	GB
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Naled	n/a	=	13	%	EPA 525.2	-88	-88	0	25	GB
2012/13-2	Lab	method blank	12/1/2012	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2012/13-2	Lab	LCS	12/1/2012	Pesticide	Pentachlorophenol	n/a	=	3.95	µg/L	EPA 515.3	0.04	0.2			
2012/13-2	Lab	LCS, rec	12/1/2012	Pesticide	Pentachlorophenol	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike	12/1/2012	Pesticide	Pentachlorophenol	n/a	=	3.59	µg/L	EPA 515.3	0.04	0.2			
2012/13-2	ME-CC	matrix spike, rec	12/1/2012	Pesticide	Pentachlorophenol	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike dup	12/1/2012	Pesticide	Pentachlorophenol	n/a	=	3.61	µg/L	EPA 515.3	0.04	0.2			
2012/13-2	ME-CC	matrix spike dup, rec	12/1/2012	Pesticide	Pentachlorophenol	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike, RPD	12/1/2012	Pesticide	Pentachlorophenol	n/a	=	0.6	%	EPA 515.3	-88	-88	0	30	
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Phorate	n/a	=	0.0654	µg/L	EPA 525.2	0.003	0.01			
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Phorate	n/a	=	131	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Phorate	n/a	=	0.0665	µg/L	EPA 525.2	0.003	0.01			
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Phorate	n/a	=	133	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Phorate	n/a	=	0.083	µg/L	EPA 525.2	0.003	0.01			GB
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Phorate	n/a	=	0.0822	µg/L	EPA 525.2	0.003	0.01			GB
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Phorate	n/a	=	164	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Phorate	n/a	=	166	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Phorate	n/a	=	1	%	EPA 525.2	-88	-88	0	25	GB
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Phorate	n/a	=	0.0733	µg/L	EPA 525.2	0.003	0.01			
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Phorate	n/a	=	0.0665	µg/L	EPA 525.2	0.003	0.01			
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Phorate	n/a	=	133	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Phorate	n/a	=	147	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Phorate	n/a	=	10	%	EPA 525.2	-88	-88	0	25	
2012/13-2	Lab	method blank	12/1/2012	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2012/13-2	Lab	LCS	12/1/2012	Pesticide	Picloram	n/a	=	2.88	µg/L	EPA 515.3	0.05	0.6			
2012/13-2	Lab	LCS, rec	12/1/2012	Pesticide	Picloram	n/a	=	72	%	EPA 515.3	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	ME-CC	matrix spike	12/1/2012	Pesticide	Picloram	n/a	=	2.86	µg/L	EPA 515.3	0.05	0.6			
2012/13-2	ME-CC	matrix spike, rec	12/1/2012	Pesticide	Picloram	n/a	=	72	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike dup	12/1/2012	Pesticide	Picloram	n/a	=	2.94	µg/L	EPA 515.3	0.05	0.6			
2012/13-2	ME-CC	matrix spike dup, rec	12/1/2012	Pesticide	Picloram	n/a	=	74	%	EPA 515.3	-88	-88	70	130	
2012/13-2	ME-CC	matrix spike, RPD	12/1/2012	Pesticide	Picloram	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-2	Lab	method blank	12/3/2012	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2012/13-2	Lab	LCS	12/3/2012	Pesticide	Prometon	n/a	=	0.41	µg/L	EPA 525.2	0.024	0.2			
2012/13-2	Lab	LCS, rec	12/3/2012	Pesticide	Prometon	n/a	=	41	%	EPA 525.2	-88	-88	6	110	
2012/13-2	Lab	method blank	12/5/2012	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2012/13-2	Lab	LCS	12/5/2012	Pesticide	Prometon	n/a	=	0.5	µg/L	EPA 525.2	0.024	0.2			
2012/13-2	Lab	LCS, rec	12/5/2012	Pesticide	Prometon	n/a	=	50	%	EPA 525.2	-88	-88	6	110	
2012/13-2	ME-SCR	matrix spike	12/3/2012	Pesticide	Prometon	n/a	=	0.94	µg/L	EPA 525.2	0.024	0.2			
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Pesticide	Prometon	n/a	=	94	%	EPA 525.2	-88	-88	5	148	
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Pesticide	Prometon	n/a	=	0.99	µg/L	EPA 525.2	0.024	0.2			
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Pesticide	Prometon	n/a	=	99	%	EPA 525.2	-88	-88	5	148	
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Pesticide	Prometon	n/a	=	5	%	EPA 525.2	-88	-88	0	30	
2012/13-2	MO-OXN	matrix spike	12/5/2012	Pesticide	Prometon	n/a	=	0.84	µg/L	EPA 525.2	0.024	0.2			
2012/13-2	MO-OXN	matrix spike, rec	12/5/2012	Pesticide	Prometon	n/a	=	84	%	EPA 525.2	-88	-88	5	148	
2012/13-2	MO-OXN	matrix spike dup	12/5/2012	Pesticide	Prometon	n/a	=	1.03	µg/L	EPA 525.2	0.024	0.2			
2012/13-2	MO-OXN	matrix spike dup, rec	12/5/2012	Pesticide	Prometon	n/a	=	103	%	EPA 525.2	-88	-88	5	148	
2012/13-2	MO-OXN	matrix spike, RPD	12/5/2012	Pesticide	Prometon	n/a	=	20	%	EPA 525.2	-88	-88	0	30	
2012/13-2	Lab	method blank	12/3/2012	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2012/13-2	Lab	LCS	12/3/2012	Pesticide	Prometryn	n/a	=	0.86	µg/L	EPA 525.2	0.036	0.1			
2012/13-2	Lab	LCS, rec	12/3/2012	Pesticide	Prometryn	n/a	=	86	%	EPA 525.2	-88	-88	34	152	
2012/13-2	Lab	method blank	12/5/2012	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2012/13-2	Lab	LCS	12/5/2012	Pesticide	Prometryn	n/a	=	0.94	µg/L	EPA 525.2	0.036	0.1			
2012/13-2	Lab	LCS, rec	12/5/2012	Pesticide	Prometryn	n/a	=	94	%	EPA 525.2	-88	-88	34	152	
2012/13-2	ME-SCR	matrix spike	12/3/2012	Pesticide	Prometryn	n/a	=	1.03	µg/L	EPA 525.2	0.036	0.1			
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Pesticide	Prometryn	n/a	=	103	%	EPA 525.2	-88	-88	44	169	
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Pesticide	Prometryn	n/a	=	1.02	µg/L	EPA 525.2	0.036	0.1			
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Pesticide	Prometryn	n/a	=	102	%	EPA 525.2	-88	-88	44	169	
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Pesticide	Prometryn	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2012/13-2	MO-OXN	matrix spike	12/5/2012	Pesticide	Prometryn	n/a	=	0.99	µg/L	EPA 525.2	0.036	0.1			
2012/13-2	MO-OXN	matrix spike, rec	12/5/2012	Pesticide	Prometryn	n/a	=	99	%	EPA 525.2	-88	-88	44	169	
2012/13-2	MO-OXN	matrix spike dup	12/5/2012	Pesticide	Prometryn	n/a	=	1.02	µg/L	EPA 525.2	0.036	0.1			
2012/13-2	MO-OXN	matrix spike dup, rec	12/5/2012	Pesticide	Prometryn	n/a	=	102	%	EPA 525.2	-88	-88	44	169	
2012/13-2	MO-OXN	matrix spike, RPD	12/5/2012	Pesticide	Prometryn	n/a	=	3	%	EPA 525.2	-88	-88	0	30	
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0522	µg/L	EPA 525.2	0.0041	0.01			
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	104	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0684	µg/L	EPA 525.2	0.0041	0.01			
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	137	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0556	µg/L	EPA 525.2	0.0041	0.01			
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0477	µg/L	EPA 525.2	0.0041	0.01			
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	95	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	111	%	EPA 525.2	-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	
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	15	%	EPA 525.2	-88	-88	0	25	
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0726	µg/L	EPA 525.2	0.0041	0.01			
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0684	µg/L	EPA 525.2	0.0041	0.01			
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	137	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	145	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Ronnel (Fenchlorphos)	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2012/13-2	Lab	method blank	12/3/2012	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2012/13-2	Lab	LCS	12/3/2012	Pesticide	Simazine	n/a	=	0.8	µg/L	EPA 525.2	0.015	0.1			
2012/13-2	Lab	LCS, rec	12/3/2012	Pesticide	Simazine	n/a	=	80	%	EPA 525.2	-88	-88	54	156	
2012/13-2	Lab	method blank	12/5/2012	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2012/13-2	Lab	LCS	12/5/2012	Pesticide	Simazine	n/a	=	0.84	µg/L	EPA 525.2	0.015	0.1			
2012/13-2	Lab	LCS, rec	12/5/2012	Pesticide	Simazine	n/a	=	84	%	EPA 525.2	-88	-88	54	156	
2012/13-2	ME-SCR	matrix spike	12/3/2012	Pesticide	Simazine	n/a	=	0.96	µg/L	EPA 525.2	0.015	0.1			
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Pesticide	Simazine	n/a	=	96	%	EPA 525.2	-88	-88	53	152	
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Pesticide	Simazine	n/a	=	0.95	µg/L	EPA 525.2	0.015	0.1			
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Pesticide	Simazine	n/a	=	95	%	EPA 525.2	-88	-88	53	152	
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Pesticide	Simazine	n/a	=	1	%	EPA 525.2	-88	-88	0	30	
2012/13-2	MO-OXN	matrix spike	12/5/2012	Pesticide	Simazine	n/a	=	0.84	µg/L	EPA 525.2	0.015	0.1			
2012/13-2	MO-OXN	matrix spike, rec	12/5/2012	Pesticide	Simazine	n/a	=	84	%	EPA 525.2	-88	-88	53	152	
2012/13-2	MO-OXN	matrix spike dup	12/5/2012	Pesticide	Simazine	n/a	=	0.74	µg/L	EPA 525.2	0.015	0.1			
2012/13-2	MO-OXN	matrix spike dup, rec	12/5/2012	Pesticide	Simazine	n/a	=	74	%	EPA 525.2	-88	-88	53	152	
2012/13-2	MO-OXN	matrix spike, RPD	12/5/2012	Pesticide	Simazine	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0425	µg/L	EPA 525.2	0.0031	0.01			
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	85	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0666	µg/L	EPA 525.2	0.0031	0.01			
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	133	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0451	µg/L	EPA 525.2	0.0031	0.01			
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.035	µg/L	EPA 525.2	0.0031	0.01			
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	70	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	90	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	25	%	EPA 525.2	-88	-88	0	25	
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0801	µg/L	EPA 525.2	0.0031	0.01			GB
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0666	µg/L	EPA 525.2	0.0031	0.01			
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	133	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	160	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	18	%	EPA 525.2	-88	-88	0	25	
2012/13-2	Lab	method blank	12/3/2012	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2012/13-2	Lab	LCS	12/3/2012	Pesticide	Terbacil	n/a	DNQ	1.08	µg/L	EPA 525.2	0.55	2			DRM
2012/13-2	Lab	LCS, rec	12/3/2012	Pesticide	Terbacil	n/a	=	108	%	EPA 525.2	-88	-88	66	140	DRM
2012/13-2	Lab	method blank	12/5/2012	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2012/13-2	Lab	LCS	12/5/2012	Pesticide	Terbacil	n/a	DNQ	1.13	µg/L	EPA 525.2	0.55	2			DRM
2012/13-2	Lab	LCS, rec	12/5/2012	Pesticide	Terbacil	n/a	=	113	%	EPA 525.2	-88	-88	66	140	DRM
2012/13-2	ME-SCR	matrix spike	12/3/2012	Pesticide	Terbacil	n/a	DNQ	1.29	µg/L	EPA 525.2	0.55	2			DRM
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Pesticide	Terbacil	n/a	=	129	%	EPA 525.2	-88	-88	56	159	DRM
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Pesticide	Terbacil	n/a	DNQ	1.34	µg/L	EPA 525.2	0.55	2			DRM

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Pesticide	Terbacil	n/a	=	134	%	EPA 525.2	-88	-88	56	159	DRM
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Pesticide	Terbacil	n/a	=	4	%	EPA 525.2	-88	-88	0	30	DRM
2012/13-2	MO-OXN	matrix spike	12/5/2012	Pesticide	Terbacil	n/a	DNQ	1.54	µg/L	EPA 525.2	0.55	2			DRM
2012/13-2	MO-OXN	matrix spike, rec	12/5/2012	Pesticide	Terbacil	n/a	=	154	%	EPA 525.2	-88	-88	56	159	DRM
2012/13-2	MO-OXN	matrix spike dup	12/5/2012	Pesticide	Terbacil	n/a	DNQ	1.39	µg/L	EPA 525.2	0.55	2			DRM
2012/13-2	MO-OXN	matrix spike dup, rec	12/5/2012	Pesticide	Terbacil	n/a	=	139	%	EPA 525.2	-88	-88	56	159	DRM
2012/13-2	MO-OXN	matrix spike, RPD	12/5/2012	Pesticide	Terbacil	n/a	=	10	%	EPA 525.2	-88	-88	0	30	DRM
2012/13-2	Lab	method blank	12/3/2012	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2012/13-2	Lab	LCS	12/3/2012	Pesticide	Thiobencarb	n/a	=	1.09	µg/L	EPA 525.2	0.025	0.2			
2012/13-2	Lab	LCS, rec	12/3/2012	Pesticide	Thiobencarb	n/a	=	109	%	EPA 525.2	-88	-88	57	162	
2012/13-2	Lab	method blank	12/5/2012	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2012/13-2	Lab	LCS	12/5/2012	Pesticide	Thiobencarb	n/a	=	1.03	µg/L	EPA 525.2	0.025	0.2			
2012/13-2	Lab	LCS, rec	12/5/2012	Pesticide	Thiobencarb	n/a	=	103	%	EPA 525.2	-88	-88	57	162	
2012/13-2	ME-SCR	matrix spike	12/3/2012	Pesticide	Thiobencarb	n/a	=	1.25	µg/L	EPA 525.2	0.025	0.2			
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Pesticide	Thiobencarb	n/a	=	125	%	EPA 525.2	-88	-88	71	160	
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Pesticide	Thiobencarb	n/a	=	1.08	µg/L	EPA 525.2	0.025	0.2			
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Pesticide	Thiobencarb	n/a	=	108	%	EPA 525.2	-88	-88	71	160	
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Pesticide	Thiobencarb	n/a	=	15	%	EPA 525.2	-88	-88	0	30	
2012/13-2	MO-OXN	matrix spike	12/5/2012	Pesticide	Thiobencarb	n/a	=	1.3	µg/L	EPA 525.2	0.025	0.2			
2012/13-2	MO-OXN	matrix spike, rec	12/5/2012	Pesticide	Thiobencarb	n/a	=	130	%	EPA 525.2	-88	-88	71	160	
2012/13-2	MO-OXN	matrix spike dup	12/5/2012	Pesticide	Thiobencarb	n/a	=	1.11	µg/L	EPA 525.2	0.025	0.2			
2012/13-2	MO-OXN	matrix spike dup, rec	12/5/2012	Pesticide	Thiobencarb	n/a	=	111	%	EPA 525.2	-88	-88	71	160	
2012/13-2	MO-OXN	matrix spike, RPD	12/5/2012	Pesticide	Thiobencarb	n/a	=	16	%	EPA 525.2	-88	-88	0	30	
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Tokuthion	n/a	=	0.0574	µg/L	EPA 525.2	0.0078	0.01			
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Tokuthion	n/a	=	115	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Tokuthion	n/a	=	0.0744	µg/L	EPA 525.2	0.0078	0.01			
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Tokuthion	n/a	=	149	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Tokuthion	n/a	=	0.073	µg/L	EPA 525.2	0.0078	0.01			
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Tokuthion	n/a	=	0.0695	µg/L	EPA 525.2	0.0078	0.01			
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Tokuthion	n/a	=	139	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Tokuthion	n/a	=	146	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Tokuthion	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Tokuthion	n/a	=	0.076	µg/L	EPA 525.2	0.0078	0.01			GB
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Tokuthion	n/a	=	0.0744	µg/L	EPA 525.2	0.0078	0.01			
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Tokuthion	n/a	=	149	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Tokuthion	n/a	=	152	%	EPA 525.2	-88	-88	50	150	GB
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Tokuthion	n/a	=	2	%	EPA 525.2	-88	-88	0	25	GB
2012/13-2	Lab	method blank	11/27/2012	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2012/13-2	Lab	LCS	12/13/2012	Pesticide	Trichloronate	n/a	=	0.0531	µg/L	EPA 525.2	0.0067	0.01			
2012/13-2	Lab	LCS, rec	12/13/2012	Pesticide	Trichloronate	n/a	=	106	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/13/2012	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2012/13-2	Lab	LCS	12/14/2012	Pesticide	Trichloronate	n/a	=	0.0566	µg/L	EPA 525.2	0.0067	0.01			
2012/13-2	Lab	LCS, rec	12/14/2012	Pesticide	Trichloronate	n/a	=	113	%	EPA 525.2	-88	-88	50	150	
2012/13-2	Lab	method blank	12/14/2012	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2012/13-2	MO-CAM	matrix spike	12/13/2012	Pesticide	Trichloronate	n/a	=	0.0554	µg/L	EPA 525.2	0.0067	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-2	MO-CAM	matrix spike dup	12/13/2012	Pesticide	Trichloronate	n/a	=	0.0533	µg/L	EPA 525.2	0.0067	0.01			
2012/13-2	MO-CAM	matrix spike dup, rec	12/13/2012	Pesticide	Trichloronate	n/a	=	107	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, rec	12/13/2012	Pesticide	Trichloronate	n/a	=	111	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-CAM	matrix spike, RPD	12/13/2012	Pesticide	Trichloronate	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2012/13-2	MO-HUE	matrix spike	12/14/2012	Pesticide	Trichloronate	n/a	=	0.0589	µg/L	EPA 525.2	0.0067	0.01			
2012/13-2	MO-HUE	matrix spike dup	12/14/2012	Pesticide	Trichloronate	n/a	=	0.0566	µg/L	EPA 525.2	0.0067	0.01			
2012/13-2	MO-HUE	matrix spike dup, rec	12/14/2012	Pesticide	Trichloronate	n/a	=	113	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, rec	12/14/2012	Pesticide	Trichloronate	n/a	=	118	%	EPA 525.2	-88	-88	50	150	
2012/13-2	MO-HUE	matrix spike, RPD	12/14/2012	Pesticide	Trichloronate	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2012/13-2	Lab	method blank	12/3/2012	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2012/13-2	Lab	LCS	12/3/2012	Pesticide	Trithion	n/a	=	0.85	µg/L	EPA 525.2	0.012	0.1			
2012/13-2	Lab	LCS, rec	12/3/2012	Pesticide	Trithion	n/a	=	85	%	EPA 525.2	-88	-88	62	149	
2012/13-2	Lab	method blank	12/5/2012	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2012/13-2	Lab	LCS	12/5/2012	Pesticide	Trithion	n/a	=	0.87	µg/L	EPA 525.2	0.012	0.1			
2012/13-2	Lab	LCS, rec	12/5/2012	Pesticide	Trithion	n/a	=	87	%	EPA 525.2	-88	-88	62	149	
2012/13-2	ME-SCR	matrix spike	12/3/2012	Pesticide	Trithion	n/a	=	1	µg/L	EPA 525.2	0.012	0.1			
2012/13-2	ME-SCR	matrix spike, rec	12/3/2012	Pesticide	Trithion	n/a	=	100	%	EPA 525.2	-88	-88	86	144	
2012/13-2	ME-SCR	matrix spike dup	12/3/2012	Pesticide	Trithion	n/a	=	1.08	µg/L	EPA 525.2	0.012	0.1			
2012/13-2	ME-SCR	matrix spike dup, rec	12/3/2012	Pesticide	Trithion	n/a	=	108	%	EPA 525.2	-88	-88	86	144	
2012/13-2	ME-SCR	matrix spike, RPD	12/3/2012	Pesticide	Trithion	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2012/13-2	MO-OXN	matrix spike	12/5/2012	Pesticide	Trithion	n/a	=	1.25	µg/L	EPA 525.2	0.012	0.1			
2012/13-2	MO-OXN	matrix spike, rec	12/5/2012	Pesticide	Trithion	n/a	=	125	%	EPA 525.2	-88	-88	86	144	
2012/13-2	MO-OXN	matrix spike dup	12/5/2012	Pesticide	Trithion	n/a	=	1.15	µg/L	EPA 525.2	0.012	0.1			
2012/13-2	MO-OXN	matrix spike dup, rec	12/5/2012	Pesticide	Trithion	n/a	=	115	%	EPA 525.2	-88	-88	86	144	
2012/13-2	MO-OXN	matrix spike, RPD	12/5/2012	Pesticide	Trithion	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2012/13-3	000NONPJ	matrix spike	2/28/2013	Anion	Chloride	n/a	=	100	mg/L	EPA 300.0	0.5	2.5			QAX,D
2012/13-3	000NONPJ	matrix spike, rec	2/28/2013	Anion	Chloride	n/a	=	94	%	EPA 300.0	-88	-88	72	118	QAX,D
2012/13-3	000NONPJ	matrix spike dup	2/28/2013	Anion	Chloride	n/a	=	99.9	mg/L	EPA 300.0	0.5	2.5			QAX,D
2012/13-3	000NONPJ	matrix spike dup, rec	2/28/2013	Anion	Chloride	n/a	=	92	%	EPA 300.0	-88	-88	72	118	QAX,D
2012/13-3	000NONPJ	matrix spike, RPD	2/28/2013	Anion	Chloride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	QAX,D
2012/13-3	Lab	method blank	2/27/2013	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2012/13-3	Lab	LCS	2/27/2013	Anion	Chloride	n/a	=	3.77	mg/L	EPA 300.0	0.1	0.5			
2012/13-3	Lab	LCS, rec	2/27/2013	Anion	Chloride	n/a	=	94	%	EPA 300.0	-88	-88	90	110	
2012/13-3	ME-SCR	matrix spike	2/28/2013	Anion	Chloride	n/a	=	109	mg/L	EPA 300.0	1	5			D
2012/13-3	ME-SCR	matrix spike, rec	2/28/2013	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	72	118	D
2012/13-3	ME-SCR	matrix spike dup	2/28/2013	Anion	Chloride	n/a	=	110	mg/L	EPA 300.0	1	5			D
2012/13-3	ME-SCR	matrix spike dup, rec	2/28/2013	Anion	Chloride	n/a	=	100	%	EPA 300.0	-88	-88	72	118	D
2012/13-3	ME-SCR	matrix spike, RPD	2/28/2013	Anion	Chloride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	D
2012/13-3	000NONPJ	matrix spike	2/28/2013	Anion	Fluoride	n/a	=	10.2	mg/L	EPA 300.0	0.1	0.5			QAX,D
2012/13-3	000NONPJ	matrix spike, rec	2/28/2013	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	79	109	QAX,D
2012/13-3	000NONPJ	matrix spike dup	2/28/2013	Anion	Fluoride	n/a	=	10.1	mg/L	EPA 300.0	0.1	0.5			QAX,D
2012/13-3	000NONPJ	matrix spike dup, rec	2/28/2013	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	79	109	QAX,D
2012/13-3	000NONPJ	matrix spike, RPD	2/28/2013	Anion	Fluoride	n/a	=	0.7	%	EPA 300.0	-88	-88	0	20	QAX,D
2012/13-3	Lab	method blank	2/27/2013	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2012/13-3	Lab	LCS	2/27/2013	Anion	Fluoride	n/a	=	1.98	mg/L	EPA 300.0	0.02	0.1			
2012/13-3	Lab	LCS, rec	2/27/2013	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	90	110	
2012/13-3	ME-SCR	matrix spike	2/28/2013	Anion	Fluoride	n/a	=	20.5	mg/L	EPA 300.0	0.2	1			D

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	ME-SCR	matrix spike, rec	2/28/2013	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	79	109	D
2012/13-3	ME-SCR	matrix spike dup	2/28/2013	Anion	Fluoride	n/a	=	20.8	mg/L	EPA 300.0	0.2	1			D
2012/13-3	ME-SCR	matrix spike dup, rec	2/28/2013	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	79	109	D
2012/13-3	ME-SCR	matrix spike, RPD	2/28/2013	Anion	Fluoride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	D
2012/13-3	000NONPJ	matrix spike	3/1/2013	Anion	Perchlorate	n/a	=	10.5	µg/L	EPA 314.0	0.95	2			QAX
2012/13-3	000NONPJ	matrix spike dup	3/1/2013	Anion	Perchlorate	n/a	=	9.46	µg/L	EPA 314.0	0.95	2			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/1/2013	Anion	Perchlorate	n/a	=	95	%	EPA 314.0	-88	-88	80	120	QAX
2012/13-3	000NONPJ	matrix spike, rec	3/1/2013	Anion	Perchlorate	n/a	=	105	%	EPA 314.0	-88	-88	80	120	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/1/2013	Anion	Perchlorate	n/a	=	10	%	EPA 314.0	-88	-88	0	15	QAX
2012/13-3	Lab	LCS	3/1/2013	Anion	Perchlorate	n/a	=	10.1	µg/L	EPA 314.0	0.95	2			
2012/13-3	Lab	LCS, rec	3/1/2013	Anion	Perchlorate	n/a	=	101	%	EPA 314.0	-88	-88	85	115	
2012/13-3	Lab	method blank	3/1/2013	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2012/13-3	Lab	LCS	3/1/2013	Anion	Perchlorate	n/a	=	11.3	µg/L	EPA 314.0	0.95	2			
2012/13-3	Lab	LCS, rec	3/1/2013	Anion	Perchlorate	n/a	=	113	%	EPA 314.0	-88	-88	85	115	
2012/13-3	Lab	method blank	3/1/2013	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2012/13-3	ME-SCR	matrix spike	3/1/2013	Anion	Perchlorate	n/a	=	8.96	µg/L	EPA 314.0	0.95	2			
2012/13-3	ME-SCR	matrix spike dup	3/1/2013	Anion	Perchlorate	n/a	=	9.48	µg/L	EPA 314.0	0.95	2			
2012/13-3	ME-SCR	matrix spike dup, rec	3/1/2013	Anion	Perchlorate	n/a	=	95	%	EPA 314.0	-88	-88	80	120	
2012/13-3	ME-SCR	matrix spike, rec	3/1/2013	Anion	Perchlorate	n/a	=	90	%	EPA 314.0	-88	-88	80	120	
2012/13-3	ME-SCR	matrix spike, RPD	3/1/2013	Anion	Perchlorate	n/a	=	6	%	EPA 314.0	-88	-88	0	15	
2012/13-3	MO-VEN	field blank	2/20/2013	Bacteriological	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2012/13-3	MO-VEN	field blank	2/21/2013	Bacteriological	Fecal Coliform	n/a	<	2	MPN/100 mL	SM 9221 E	2	2	-88	2	
2012/13-3	MO-VEN	field blank	2/20/2013	Bacteriological	Total Coliform	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	-88	10	
2012/13-3	Lab	method blank	2/25/2013	Cation	Calcium	Total	<	0.0156	mg/L	EPA 200.7	0.0156	0.1			
2012/13-3	Lab	LCS	2/25/2013	Cation	Calcium	Total	=	46.9	mg/L	EPA 200.7	0.0156	0.1			
2012/13-3	Lab	LCS, rec	2/25/2013	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	85	115	
2012/13-3	ME-SCR	matrix spike	2/25/2013	Cation	Calcium	Total	=	251	mg/L	EPA 200.7	0.0156	0.1			
2012/13-3	ME-SCR	matrix spike, rec	2/25/2013	Cation	Calcium	Total	=	77	%	EPA 200.7	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	2/25/2013	Cation	Calcium	Total	=	264	mg/L	EPA 200.7	0.0156	0.1			
2012/13-3	ME-SCR	matrix spike dup, rec	2/25/2013	Cation	Calcium	Total	=	91	%	EPA 200.7	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	2/25/2013	Cation	Calcium	Total	=	5	%	EPA 200.7	-88	-88	0	30	
2012/13-3	MO-VEN	matrix spike	2/28/2013	Cation	Calcium	Total	=	84	mg/L	EPA 200.7	0.0156	0.1			
2012/13-3	MO-VEN	matrix spike, rec	2/28/2013	Cation	Calcium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2012/13-3	MO-VEN	matrix spike dup	2/28/2013	Cation	Calcium	Total	=	83.1	mg/L	EPA 200.7	0.0156	0.1			
2012/13-3	MO-VEN	matrix spike dup, rec	2/28/2013	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2012/13-3	MO-VEN	matrix spike, RPD	2/28/2013	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2012/13-3	Lab	method blank	2/25/2013	Cation	Magnesium	Total	<	0.0121	mg/L	EPA 200.7	0.0121	0.1			
2012/13-3	Lab	LCS	2/25/2013	Cation	Magnesium	Total	=	45.9	mg/L	EPA 200.7	0.0121	0.1			
2012/13-3	Lab	LCS, rec	2/25/2013	Cation	Magnesium	Total	=	91	%	EPA 200.7	-88	-88	85	115	
2012/13-3	ME-SCR	matrix spike	2/25/2013	Cation	Magnesium	Total	=	149	mg/L	EPA 200.7	0.0121	0.1			
2012/13-3	ME-SCR	matrix spike, rec	2/25/2013	Cation	Magnesium	Total	=	83	%	EPA 200.7	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	2/25/2013	Cation	Magnesium	Total	=	157	mg/L	EPA 200.7	0.0121	0.1			
2012/13-3	ME-SCR	matrix spike dup, rec	2/25/2013	Cation	Magnesium	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	2/25/2013	Cation	Magnesium	Total	=	5	%	EPA 200.7	-88	-88	0	30	
2012/13-3	MO-VEN	matrix spike	2/28/2013	Cation	Magnesium	Total	=	59.5	mg/L	EPA 200.7	0.0121	0.1			
2012/13-3	MO-VEN	matrix spike, rec	2/28/2013	Cation	Magnesium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2012/13-3	MO-VEN	matrix spike dup	2/28/2013	Cation	Magnesium	Total	=	58.7	mg/L	EPA 200.7	0.0121	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	
2012/13-3	MO-VEN	matrix spike dup, rec	2/28/2013	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2012/13-3	MO-VEN	matrix spike, RPD	2/28/2013	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2012/13-3	Lab	LCS	2/25/2013	Conventional	Alkalinity as CaCO3	n/a	=	255	mg/L	SM 2320 B	0.56	2			
2012/13-3	Lab	LCS, rec	2/25/2013	Conventional	Alkalinity as CaCO3	n/a	=	102	%	SM 2320 B	-88	-88			
2012/13-3	Lab	method blank	2/25/2013	Conventional	Alkalinity as CaCO3	n/a	DNQ	1.44	mg/L	SM 2320 B	0.56	2			IP
2012/13-3	ME-SCR	lab duplicate	2/25/2013	Conventional	Alkalinity as CaCO3	n/a	=	222	mg/L	SM 2320 B	0.56	2		15	
2012/13-3	ME-SCR	lab duplicate, RPD	2/25/2013	Conventional	Alkalinity as CaCO3	n/a	=	0.9	%	SM 2320 B	0.56	2		15	
2012/13-3	Lab	LCS	2/26/2013	Conventional	BOD	n/a	=	174	mg/L	SM 5210 B	0.1	2			
2012/13-3	Lab	LCS, rec	2/26/2013	Conventional	BOD	n/a	=	88	%	SM 5210 B	-88	-88	85	115	
2012/13-3	Lab	LCS	2/27/2013	Conventional	BOD	n/a	=	176	mg/L	SM 5210 B	0.1	2			
2012/13-3	Lab	LCS, rec	2/27/2013	Conventional	BOD	n/a	=	89	%	SM 5210 B	-88	-88	85	115	
2012/13-3	ME-SCR	lab duplicate	2/27/2013	Conventional	BOD	n/a	DNQ	0.744	mg/L	SM 5210 B	0.1	2		20	
2012/13-3	ME-SCR	lab duplicate, RPD	2/27/2013	Conventional	BOD	n/a	DNQ	14	%	SM 5210 B	0.1	2		20	
2012/13-3	000NONPJ	lab duplicate	3/2/2013	Conventional	COD	n/a	=	5100	mg/L	EPA 410.4	5.8	40		15	QAX,D
2012/13-3	000NONPJ	lab duplicate, RPD	3/2/2013	Conventional	COD	n/a	=	1	%	EPA 410.4	5.8	40		15	QAX,D
2012/13-3	000NONPJ	matrix spike	3/2/2013	Conventional	COD	n/a	=	5070	mg/L	EPA 410.4	2.9	20			QAX,D
2012/13-3	000NONPJ	matrix spike dup	3/2/2013	Conventional	COD	n/a	=	5110	mg/L	EPA 410.4	2.9	20			QAX,D
2012/13-3	000NONPJ	matrix spike dup, rec	3/2/2013	Conventional	COD	n/a	=	94	%	EPA 410.4	-88	-88	90	110	QAX,D
2012/13-3	000NONPJ	matrix spike, rec	3/2/2013	Conventional	COD	n/a	=	92	%	EPA 410.4	-88	-88	90	110	QAX,D
2012/13-3	000NONPJ	matrix spike, RPD	3/2/2013	Conventional	COD	n/a	=	0.8	%	EPA 410.4	-88	-88	0	15	QAX,D
2012/13-3	Lab	LCS	3/2/2013	Conventional	COD	n/a	=	102	mg/L	EPA 410.4	0.73	5			
2012/13-3	Lab	LCS, rec	3/2/2013	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	
2012/13-3	Lab	method blank	3/2/2013	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2012/13-3	ME-SCR	matrix spike	3/2/2013	Conventional	COD	n/a	=	205	mg/L	EPA 410.4	1.5	10			D
2012/13-3	ME-SCR	matrix spike dup	3/2/2013	Conventional	COD	n/a	=	204	mg/L	EPA 410.4	1.5	10			D
2012/13-3	ME-SCR	matrix spike dup, rec	3/2/2013	Conventional	COD	n/a	=	94	%	EPA 410.4	-88	-88	90	110	D
2012/13-3	ME-SCR	matrix spike, rec	3/2/2013	Conventional	COD	n/a	=	94	%	EPA 410.4	-88	-88	90	110	D
2012/13-3	ME-SCR	matrix spike, RPD	3/2/2013	Conventional	COD	n/a	=	0.1	%	EPA 410.4	-88	-88	0	15	D
2012/13-3	000NONPJ	matrix spike	3/2/2013	Conventional	Cyanide	Total	=	0.0317	mg/L	EPA 335.4	0.0027	0.005			GB,QAX
2012/13-3	000NONPJ	matrix spike, rec	3/2/2013	Conventional	Cyanide	Total	=	35	%	EPA 335.4	-88	-88	90	110	GB,QAX
2012/13-3	000NONPJ	matrix spike dup	3/2/2013	Conventional	Cyanide	Total	=	0.0328	mg/L	EPA 335.4	0.0027	0.005			GB,QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/2/2013	Conventional	Cyanide	Total	=	36	%	EPA 335.4	-88	-88	90	110	GB,QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/2/2013	Conventional	Cyanide	Total	=	3	%	EPA 335.4	-88	-88	0	20	GB,QAX
2012/13-3	000NONPJ	matrix spike	3/2/2013	Conventional	Cyanide	Total	=	0.0317	mg/L	EPA 335.4	0.0027	0.005			GB,QAX
2012/13-3	000NONPJ	matrix spike, rec	3/2/2013	Conventional	Cyanide	Total	=	35	%	EPA 335.4	-88	-88	90	110	GB,QAX
2012/13-3	000NONPJ	matrix spike dup	3/2/2013	Conventional	Cyanide	Total	=	0.0203	mg/L	EPA 335.4	0.0027	0.005			GB,QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/2/2013	Conventional	Cyanide	Total	=	23	%	EPA 335.4	-88	-88	90	110	GB,QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/2/2013	Conventional	Cyanide	Total	=	44	%	EPA 335.4	-88	-88	0	20	GB,IL,QAX
2012/13-3	000NONPJ	matrix spike	3/8/2013	Conventional	Cyanide	Total	=	0.086	mg/L	EPA 335.4	0.0027	0.005			QAX
2012/13-3	000NONPJ	matrix spike dup	3/8/2013	Conventional	Cyanide	Total	=	0.087	mg/L	EPA 335.4	0.0027	0.005			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/8/2013	Conventional	Cyanide	Total	=	96	%	EPA 335.4	-88	-88	90	110	QAX
2012/13-3	000NONPJ	matrix spike, rec	3/8/2013	Conventional	Cyanide	Total	=	95	%	EPA 335.4	-88	-88	90	110	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/8/2013	Conventional	Cyanide	Total	=	1	%	EPA 335.4	-88	-88	0	20	QAX
2012/13-3	Lab	method blank	3/2/2013	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2012/13-3	Lab	LCS	3/2/2013	Conventional	Cyanide	Total	=	0.0476	mg/L	EPA 335.4	0.0027	0.005			
2012/13-3	Lab	LCS, rec	3/2/2013	Conventional	Cyanide	Total	=	106	%	EPA 335.4	-88	-88	90	110	
2012/13-3	Lab	method blank	3/8/2013	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	Lab	LCS	3/8/2013	Conventional	Cyanide	Total	=	0.0424	mg/L	EPA 335.4	0.0027	0.005			
2012/13-3	Lab	LCS, rec	3/8/2013	Conventional	Cyanide	Total	=	94	%	EPA 335.4	-88	-88	90	110	
2012/13-3	MO-VEN	field blank	3/8/2013	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2012/13-3	MO-VEN	matrix spike	3/8/2013	Conventional	Cyanide	Total	=	0.0844	mg/L	EPA 335.4	0.0027	0.005			
2012/13-3	MO-VEN	matrix spike, rec	3/8/2013	Conventional	Cyanide	Total	=	94	%	EPA 335.4	-88	-88	90	110	
2012/13-3	MO-VEN	matrix spike dup	3/8/2013	Conventional	Cyanide	Total	=	0.0877	mg/L	EPA 335.4	0.0027	0.005			
2012/13-3	MO-VEN	matrix spike dup, rec	3/8/2013	Conventional	Cyanide	Total	=	97	%	EPA 335.4	-88	-88	90	110	
2012/13-3	MO-VEN	matrix spike, RPD	3/8/2013	Conventional	Cyanide	Total	=	4	%	EPA 335.4	-88	-88	0	20	
2012/13-3	Lab	LCS	2/21/2013	Conventional	MBAS	n/a	=	0.185	mg/L	SM 5540 C	0.019	0.05			
2012/13-3	Lab	LCS, rec	2/21/2013	Conventional	MBAS	n/a	=	93	%	SM 5540 C	-88	-88	79	113	
2012/13-3	Lab	method blank	2/21/2013	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2012/13-3	ME-SCR	matrix spike	2/21/2013	Conventional	MBAS	n/a	=	0.2	mg/L	SM 5540 C	0.019	0.05			
2012/13-3	ME-SCR	matrix spike dup	2/21/2013	Conventional	MBAS	n/a	=	0.217	mg/L	SM 5540 C	0.019	0.05			
2012/13-3	ME-SCR	matrix spike dup, rec	2/21/2013	Conventional	MBAS	n/a	=	109	%	SM 5540 C	-88	-88	77	118	
2012/13-3	ME-SCR	matrix spike, rec	2/21/2013	Conventional	MBAS	n/a	=	100	%	SM 5540 C	-88	-88	77	118	
2012/13-3	ME-SCR	matrix spike, RPD	2/21/2013	Conventional	MBAS	n/a	=	8	%	SM 5540 C	-88	-88	0	20	
2012/13-3	000NONPJ	matrix spike	3/4/2013	Conventional	Phenolics	n/a	=	0.297	mg/L	EPA 420.4	0.0042	0.01			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/4/2013	Conventional	Phenolics	n/a	=	92	%	EPA 420.4	-88	-88	90	110	QAX
2012/13-3	000NONPJ	matrix spike dup	3/4/2013	Conventional	Phenolics	n/a	=	0.299	mg/L	EPA 420.4	0.0042	0.01			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/4/2013	Conventional	Phenolics	n/a	=	93	%	EPA 420.4	-88	-88	90	110	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/4/2013	Conventional	Phenolics	n/a	=	0.6	%	EPA 420.4	-88	-88	0	20	QAX
2012/13-3	000NONPJ	matrix spike	3/8/2013	Conventional	Phenolics	n/a	=	0.292	mg/L	EPA 420.4	0.0042	0.01			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/8/2013	Conventional	Phenolics	n/a	=	96	%	EPA 420.4	-88	-88	90	110	QAX
2012/13-3	000NONPJ	matrix spike dup	3/8/2013	Conventional	Phenolics	n/a	=	0.296	mg/L	EPA 420.4	0.0042	0.01			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/8/2013	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/8/2013	Conventional	Phenolics	n/a	=	1	%	EPA 420.4	-88	-88	0	20	QAX
2012/13-3	Lab	LCS	2/25/2013	Conventional	Phenolics	n/a	=	0.0952	mg/L	EPA 420.4	0.0042	0.01			
2012/13-3	Lab	LCS, rec	2/25/2013	Conventional	Phenolics	n/a	=	95	%	EPA 420.4	-88	-88	90	110	
2012/13-3	Lab	method blank	2/25/2013	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2012/13-3	Lab	LCS	3/4/2013	Conventional	Phenolics	n/a	=	0.098	mg/L	EPA 420.4	0.0042	0.01			
2012/13-3	Lab	LCS, rec	3/4/2013	Conventional	Phenolics	n/a	=	98	%	EPA 420.4	-88	-88	90	110	
2012/13-3	Lab	method blank	3/4/2013	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2012/13-3	Lab	LCS	3/8/2013	Conventional	Phenolics	n/a	=	0.0968	mg/L	EPA 420.4	0.0042	0.01			
2012/13-3	Lab	LCS, rec	3/8/2013	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	
2012/13-3	Lab	method blank	3/8/2013	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2012/13-3	ME-SCR	matrix spike	2/25/2013	Conventional	Phenolics	n/a	=	0.265	mg/L	EPA 420.4	0.0042	0.01			DB,GB
2012/13-3	ME-SCR	matrix spike, rec	2/25/2013	Conventional	Phenolics	n/a	=	86	%	EPA 420.4	-88	-88	90	110	DB,GB
2012/13-3	ME-SCR	matrix spike dup	2/25/2013	Conventional	Phenolics	n/a	=	0.269	mg/L	EPA 420.4	0.0042	0.01			DB,GB
2012/13-3	ME-SCR	matrix spike dup, rec	2/25/2013	Conventional	Phenolics	n/a	=	87	%	EPA 420.4	-88	-88	90	110	DB,GB
2012/13-3	ME-SCR	matrix spike, RPD	2/25/2013	Conventional	Phenolics	n/a	=	1	%	EPA 420.4	-88	-88	0	20	
2012/13-3	Lab	LCS	3/4/2013	Conventional	Specific Conductance	n/a	=	202	µmhos/cm	SM 2510 B	0.23	2			
2012/13-3	Lab	LCS, rec	3/4/2013	Conventional	Specific Conductance	n/a	=	101	%	SM 2510 B	-88	-88	95	105	
2012/13-3	Lab	method blank	3/4/2013	Conventional	Specific Conductance	n/a	DNQ	0.36	µmhos/cm	SM 2510 B	0.23	2			IP
2012/13-3	ME-SCR	lab duplicate	3/4/2013	Conventional	Specific Conductance	n/a	=	1690	µmhos/cm	SM 2510 B	0.47	4		4.28	D
2012/13-3	ME-SCR	lab duplicate, RPD	3/4/2013	Conventional	Specific Conductance	n/a	=	1	%	SM 2510 B	0.47	4		4.28	D
2012/13-3	000NONPJ	matrix spike	2/20/2013	Conventional	Total Chlorine Residual	n/a	=	0.205	mg/L	SM 4500-Cl G	0.0015	0.05			QAX
2012/13-3	000NONPJ	matrix spike dup	2/20/2013	Conventional	Total Chlorine Residual	n/a	=	0.196	mg/L	SM 4500-Cl G	0.0015	0.05			QAX

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	000NONPJ	matrix spike dup, rec	2/20/2013	Conventional	Total Chlorine Residual	n/a	=	98	%	SM 4500-Cl G	-88	-88	65	128	QAX
2012/13-3	000NONPJ	matrix spike, rec	2/20/2013	Conventional	Total Chlorine Residual	n/a	=	103	%	SM 4500-Cl G	-88	-88	65	128	QAX
2012/13-3	000NONPJ	matrix spike, RPD	2/20/2013	Conventional	Total Chlorine Residual	n/a	=	5	%	SM 4500-Cl G	-88	-88	0	15	QAX
2012/13-3	Lab	LCS	2/20/2013	Conventional	Total Chlorine Residual	n/a	=	0.191	mg/L	SM 4500-Cl G	0.0015	0.05			
2012/13-3	Lab	LCS, rec	2/20/2013	Conventional	Total Chlorine Residual	n/a	=	96	%	SM 4500-Cl G	-88	-88			
2012/13-3	Lab	method blank	2/20/2013	Conventional	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05			
2012/13-3	000NONPJ	lab duplicate	2/22/2013	Conventional	Total Dissolved Solids	n/a	=	756	mg/L	SM 2540 C	4	10		10	QAX
2012/13-3	000NONPJ	lab duplicate	2/22/2013	Conventional	Total Dissolved Solids	n/a	=	198	mg/L	SM 2540 C	4	10		10	QAX
2012/13-3	000NONPJ	lab duplicate, RPD	2/22/2013	Conventional	Total Dissolved Solids	n/a	=	0.1	%	SM 2540 C	4	10		10	QAX
2012/13-3	000NONPJ	lab duplicate, RPD	2/22/2013	Conventional	Total Dissolved Solids	n/a	=	2	%	SM 2540 C	4	10		10	QAX
2012/13-3	Lab	LCS	2/22/2013	Conventional	Total Dissolved Solids	n/a	=	805	mg/L	SM 2540 C	4	10			
2012/13-3	Lab	LCS, rec	2/22/2013	Conventional	Total Dissolved Solids	n/a	=	98	%	SM 2540 C	-88	-88	91	104	
2012/13-3	Lab	method blank	2/22/2013	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2012/13-3	Lab	LCS	2/26/2013	Conventional	Total Dissolved Solids	n/a	=	814	mg/L	SM 2540 C	4	10			
2012/13-3	Lab	LCS, rec	2/26/2013	Conventional	Total Dissolved Solids	n/a	=	99	%	SM 2540 C	-88	-88	91	104	
2012/13-3	Lab	method blank	2/26/2013	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2012/13-3	ME-SCR	lab duplicate	2/26/2013	Conventional	Total Dissolved Solids	n/a	=	1160	mg/L	SM 2540 C	4	10		10	
2012/13-3	ME-SCR	lab duplicate, RPD	2/26/2013	Conventional	Total Dissolved Solids	n/a	=	0.8	%	SM 2540 C	4	10		10	
2012/13-3	MO-HUE	lab duplicate	2/26/2013	Conventional	Total Dissolved Solids	n/a	=	4220	mg/L	SM 2540 C	4	10		10	
2012/13-3	MO-HUE	lab duplicate, RPD	2/26/2013	Conventional	Total Dissolved Solids	n/a	=	2	%	SM 2540 C	4	10		10	
2012/13-3	Lab	LCS	3/4/2013	Conventional	Total Organic Carbon	n/a	=	4.83	mg/L	SM 5310 C	0.009	0.3			
2012/13-3	Lab	LCS, rec	3/4/2013	Conventional	Total Organic Carbon	n/a	=	97	%	SM 5310 C	-88	-88	90	110	
2012/13-3	Lab	method blank	3/4/2013	Conventional	Total Organic Carbon	n/a	DNQ	0.0695	mg/L	SM 5310 C	0.009	0.3			IP
2012/13-3	ME-SCR	matrix spike	3/4/2013	Conventional	Total Organic Carbon	n/a	=	6.19	mg/L	SM 5310 C	0.009	0.3			
2012/13-3	ME-SCR	matrix spike dup	3/4/2013	Conventional	Total Organic Carbon	n/a	=	6.16	mg/L	SM 5310 C	0.009	0.3			
2012/13-3	ME-SCR	matrix spike dup, rec	3/4/2013	Conventional	Total Organic Carbon	n/a	=	89	%	SM 5310 C	-88	-88	84	107	
2012/13-3	ME-SCR	matrix spike, rec	3/4/2013	Conventional	Total Organic Carbon	n/a	=	89	%	SM 5310 C	-88	-88	84	107	
2012/13-3	ME-SCR	matrix spike, RPD	3/4/2013	Conventional	Total Organic Carbon	n/a	=	0.6	%	SM 5310 C	-88	-88	0	20	
2012/13-3	000NONPJ	lab duplicate	2/26/2013	Conventional	Total Suspended Solids	n/a	=	400	mg/L	SM 2540 D	5	5		20	QAX
2012/13-3	000NONPJ	lab duplicate, RPD	2/26/2013	Conventional	Total Suspended Solids	n/a	=	5	%	SM 2540 D	5	5		20	QAX
2012/13-3	Lab	method blank	2/26/2013	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5			
2012/13-3	ME-SCR	lab duplicate	2/26/2013	Conventional	Total Suspended Solids	n/a	=	39	mg/L	SM 2540 D	5	5		20	
2012/13-3	ME-SCR	lab duplicate, RPD	2/26/2013	Conventional	Total Suspended Solids	n/a	=	17	%	SM 2540 D	5	5		20	
2012/13-3	000NONPJ	lab duplicate	2/21/2013	Conventional	Turbidity	n/a	=	125	NTU	EPA 180.1	0.048	0.2		10	QAX,D
2012/13-3	000NONPJ	lab duplicate, RPD	2/21/2013	Conventional	Turbidity	n/a	=	8	%	EPA 180.1	0.048	0.2		10	QAX,D
2012/13-3	Lab	LCS	2/21/2013	Conventional	Turbidity	n/a	=	21.7	NTU	EPA 180.1	0.024	0.1			
2012/13-3	Lab	LCS	2/21/2013	Conventional	Turbidity	n/a	=	21.7	NTU	EPA 180.1	0.024	0.1			
2012/13-3	Lab	LCS, rec	2/21/2013	Conventional	Turbidity	n/a	=	97	%	EPA 180.1	-88	-88	90	110	
2012/13-3	Lab	LCS, rec	2/21/2013	Conventional	Turbidity	n/a	=	97	%	EPA 180.1	-88	-88	90	110	
2012/13-3	Lab	method blank	2/21/2013	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2012/13-3	Lab	method blank	2/21/2013	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2012/13-3	ME-SCR	lab duplicate	2/21/2013	Conventional	Turbidity	n/a	=	7.2	NTU	EPA 180.1	0.024	0.1		10	
2012/13-3	ME-SCR	lab duplicate, RPD	2/21/2013	Conventional	Turbidity	n/a	=	0.1	%	EPA 180.1	0.024	0.1		10	
2012/13-3	000NONPJ	lab duplicate	2/26/2013	Conventional	Volatile Suspended Solids	n/a	=	200	mg/L	EPA 160.4	3.1	5		15	QAX
2012/13-3	000NONPJ	lab duplicate, RPD	2/26/2013	Conventional	Volatile Suspended Solids	n/a	=	10	%	EPA 160.4	3.1	5		15	QAX
2012/13-3	Lab	method blank	2/26/2013	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2012/13-3	ME-CC	lab duplicate	2/26/2013	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5		15	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	ME-CC	lab duplicate, RPD	2/26/2013	Conventional	Volatile Suspended Solids	n/a	<	0	%	EPA 160.4	3.1	5		15	
2012/13-3	000NONPJ	matrix spike	3/4/2013	Hydrocarbon	Oil and Grease	n/a	=	21.2	mg/L	EPA 1664A	1.3	5			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/4/2013	Hydrocarbon	Oil and Grease	n/a	=	89	%	EPA 1664A	-88	-88	78	114	QAX
2012/13-3	Lab	LCS	3/4/2013	Hydrocarbon	Oil and Grease	n/a	=	17.3	mg/L	EPA 1664A	1.3	5			
2012/13-3	Lab	LCS	3/4/2013	Hydrocarbon	Oil and Grease	n/a	=	5.6	mg/L	EPA 1664A	1.3	5			
2012/13-3	Lab	LCS dup	3/4/2013	Hydrocarbon	Oil and Grease	n/a	=	16.3	mg/L	EPA 1664A	1.3	5			
2012/13-3	Lab	LCS dup, rec	3/4/2013	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664A	-88	-88	78	114	
2012/13-3	Lab	LCS, rec	3/4/2013	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664A	-88	-88	78	114	
2012/13-3	Lab	LCS, rec	3/4/2013	Hydrocarbon	Oil and Grease	n/a	=	112	%	EPA 1664A	-88	-88	78	114	
2012/13-3	Lab	LCS, RPD	3/4/2013	Hydrocarbon	Oil and Grease	n/a	=	6	%	EPA 1664A	-88	-88	0	18	
2012/13-3	Lab	method blank	3/4/2013	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2012/13-3	MO-VEN	field blank	3/4/2013	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2012/13-3	Lab	method blank	3/4/2013	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			
2012/13-3	MO-VEN	field blank	3/4/2013	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			
2012/13-3	Lab	method blank	3/5/2013	Metal	Aluminum	Dissolved	DNQ	1.18	µg/L	EPA 200.8	0.61	5			IP
2012/13-3	Lab	LCS	3/5/2013	Metal	Aluminum	Dissolved	=	55.2	µg/L	EPA 200.8	0.61	5			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Aluminum	Dissolved	=	110	%	EPA 200.8	-88	-88	85	115	
2012/13-3	Lab	method blank	3/5/2013	Metal	Aluminum	Total	<	2.1	µg/L	EPA 200.8	2.1	5			
2012/13-3	Lab	LCS	3/5/2013	Metal	Aluminum	Total	=	55.2	µg/L	EPA 200.8	2.1	5			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Aluminum	Total	=	110	%	EPA 200.8	-88	-88	85	115	
2012/13-3	ME-SCR	matrix spike	3/5/2013	Metal	Aluminum	Total	=	663	µg/L	EPA 200.8	2.1	5			
2012/13-3	ME-SCR	matrix spike, rec	3/5/2013	Metal	Aluminum	Total	=	79	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	3/5/2013	Metal	Aluminum	Total	=	636	µg/L	EPA 200.8	2.1	5			BB,CT,GB
2012/13-3	ME-SCR	matrix spike dup, rec	3/5/2013	Metal	Aluminum	Total	=	52	%	EPA 200.8	-88	-88	70	130	BB,CT,GB
2012/13-3	ME-SCR	matrix spike, RPD	3/5/2013	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2012/13-3	MO-CAM	matrix spike	3/5/2013	Metal	Aluminum	Total	=	4900	µg/L	EPA 200.8	2.1	5			BB,CT,GB
2012/13-3	MO-CAM	matrix spike, rec	3/5/2013	Metal	Aluminum	Total	=	204	%	EPA 200.8	-88	-88	70	130	BB,CT,GB
2012/13-3	MO-CAM	matrix spike dup	3/5/2013	Metal	Aluminum	Total	=	4830	µg/L	EPA 200.8	2.1	5			
2012/13-3	MO-CAM	matrix spike dup, rec	3/5/2013	Metal	Aluminum	Total	=	72	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike, RPD	3/5/2013	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-3	Lab	method blank	3/5/2013	Metal	Antimony	Dissolved	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2012/13-3	Lab	LCS	3/5/2013	Metal	Antimony	Dissolved	=	50.2	µg/L	EPA 200.8	0.04	0.5			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Antimony	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2012/13-3	Lab	method blank	3/5/2013	Metal	Antimony	Total	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2012/13-3	Lab	LCS	3/5/2013	Metal	Antimony	Total	=	50.2	µg/L	EPA 200.8	0.04	0.5			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2012/13-3	ME-SCR	matrix spike	3/5/2013	Metal	Antimony	Total	=	93.9	µg/L	EPA 200.8	0.04	0.5			
2012/13-3	ME-SCR	matrix spike, rec	3/5/2013	Metal	Antimony	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	3/5/2013	Metal	Antimony	Total	=	92.3	µg/L	EPA 200.8	0.04	0.5			
2012/13-3	ME-SCR	matrix spike dup, rec	3/5/2013	Metal	Antimony	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	3/5/2013	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-3	MO-CAM	matrix spike	3/5/2013	Metal	Antimony	Total	=	43.1	µg/L	EPA 200.8	0.04	0.5			
2012/13-3	MO-CAM	matrix spike, rec	3/5/2013	Metal	Antimony	Total	=	80	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike dup	3/5/2013	Metal	Antimony	Total	=	43.5	µg/L	EPA 200.8	0.04	0.5			
2012/13-3	MO-CAM	matrix spike dup, rec	3/5/2013	Metal	Antimony	Total	=	80	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike, RPD	3/5/2013	Metal	Antimony	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2012/13-3	Lab	method blank	3/5/2013	Metal	Arsenic	Dissolved	<	0.036	µg/L	EPA 200.8	0.036	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	
2012/13-3	Lab	LCS	3/5/2013	Metal	Arsenic	Dissolved	=	54.1	µg/L	EPA 200.8	0.036	0.4			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Arsenic	Dissolved	=	108	%	EPA 200.8	-88	-88	85	115	
2012/13-3	Lab	method blank	3/5/2013	Metal	Arsenic	Total	<	0.13	µg/L	EPA 200.8	0.13	0.4			
2012/13-3	Lab	LCS	3/5/2013	Metal	Arsenic	Total	=	54.1	µg/L	EPA 200.8	0.13	0.4			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Arsenic	Total	=	108	%	EPA 200.8	-88	-88	85	115	
2012/13-3	ME-SCR	matrix spike	3/5/2013	Metal	Arsenic	Total	=	105	µg/L	EPA 200.8	0.13	0.4			
2012/13-3	ME-SCR	matrix spike, rec	3/5/2013	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	3/5/2013	Metal	Arsenic	Total	=	104	µg/L	EPA 200.8	0.13	0.4			
2012/13-3	ME-SCR	matrix spike dup, rec	3/5/2013	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	3/5/2013	Metal	Arsenic	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2012/13-3	MO-CAM	matrix spike	3/5/2013	Metal	Arsenic	Total	=	55.8	µg/L	EPA 200.8	0.13	0.4			
2012/13-3	MO-CAM	matrix spike, rec	3/5/2013	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike dup	3/5/2013	Metal	Arsenic	Total	=	55.4	µg/L	EPA 200.8	0.13	0.4			
2012/13-3	MO-CAM	matrix spike dup, rec	3/5/2013	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike, RPD	3/5/2013	Metal	Arsenic	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2012/13-3	Lab	method blank	3/5/2013	Metal	Barium	Total	<	0.097	µg/L	EPA 200.8	0.097	0.5			
2012/13-3	Lab	LCS	3/5/2013	Metal	Barium	Total	=	52.7	µg/L	EPA 200.8	0.097	0.5			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Barium	Total	=	105	%	EPA 200.8	-88	-88	85	115	
2012/13-3	ME-SCR	matrix spike	3/5/2013	Metal	Barium	Total	=	148	µg/L	EPA 200.8	0.097	0.5			
2012/13-3	ME-SCR	matrix spike, rec	3/5/2013	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	3/5/2013	Metal	Barium	Total	=	145	µg/L	EPA 200.8	0.097	0.5			
2012/13-3	ME-SCR	matrix spike dup, rec	3/5/2013	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	3/5/2013	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-3	Lab	method blank	3/5/2013	Metal	Beryllium	Dissolved	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2012/13-3	Lab	LCS	3/5/2013	Metal	Beryllium	Dissolved	=	51.5	µg/L	EPA 200.8	0.088	0.1			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Beryllium	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2012/13-3	Lab	method blank	3/5/2013	Metal	Beryllium	Total	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2012/13-3	Lab	LCS	3/5/2013	Metal	Beryllium	Total	=	51.5	µg/L	EPA 200.8	0.088	0.1			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2012/13-3	ME-SCR	matrix spike	3/5/2013	Metal	Beryllium	Total	=	103	µg/L	EPA 200.8	0.088	0.1			
2012/13-3	ME-SCR	matrix spike, rec	3/5/2013	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	3/5/2013	Metal	Beryllium	Total	=	98.8	µg/L	EPA 200.8	0.088	0.1			
2012/13-3	ME-SCR	matrix spike dup, rec	3/5/2013	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	3/5/2013	Metal	Beryllium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2012/13-3	MO-CAM	matrix spike	3/5/2013	Metal	Beryllium	Total	=	51.2	µg/L	EPA 200.8	0.088	0.1			
2012/13-3	MO-CAM	matrix spike, rec	3/5/2013	Metal	Beryllium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike dup	3/5/2013	Metal	Beryllium	Total	=	51.5	µg/L	EPA 200.8	0.088	0.1			
2012/13-3	MO-CAM	matrix spike dup, rec	3/5/2013	Metal	Beryllium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike, RPD	3/5/2013	Metal	Beryllium	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2012/13-3	Lab	method blank	3/5/2013	Metal	Cadmium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2012/13-3	Lab	LCS	3/5/2013	Metal	Cadmium	Dissolved	=	51.8	µg/L	EPA 200.8	0.02	0.1			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Cadmium	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2012/13-3	Lab	method blank	3/5/2013	Metal	Cadmium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2012/13-3	Lab	LCS	3/5/2013	Metal	Cadmium	Total	=	51.8	µg/L	EPA 200.8	0.02	0.1			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Cadmium	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2012/13-3	ME-SCR	matrix spike	3/5/2013	Metal	Cadmium	Total	=	92.4	µg/L	EPA 200.8	0.02	0.1			
2012/13-3	ME-SCR	matrix spike, rec	3/5/2013	Metal	Cadmium	Total	=	92	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	ME-SCR	matrix spike dup	3/5/2013	Metal	Cadmium	Total	=	89.7	µg/L	EPA 200.8	0.02	0.1			
2012/13-3	ME-SCR	matrix spike dup, rec	3/5/2013	Metal	Cadmium	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	3/5/2013	Metal	Cadmium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2012/13-3	MO-CAM	matrix spike	3/5/2013	Metal	Cadmium	Total	=	52.3	µg/L	EPA 200.8	0.02	0.1			
2012/13-3	MO-CAM	matrix spike, rec	3/5/2013	Metal	Cadmium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike dup	3/5/2013	Metal	Cadmium	Total	=	52.1	µg/L	EPA 200.8	0.02	0.1			
2012/13-3	MO-CAM	matrix spike dup, rec	3/5/2013	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike, RPD	3/5/2013	Metal	Cadmium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	
2012/13-3	Lab	method blank	3/5/2013	Metal	Chromium	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2012/13-3	Lab	LCS	3/5/2013	Metal	Chromium	Dissolved	=	52.2	µg/L	EPA 200.8	0.074	0.2			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Chromium	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2012/13-3	Lab	method blank	3/5/2013	Metal	Chromium	Total	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2012/13-3	Lab	LCS	3/5/2013	Metal	Chromium	Total	=	52.2	µg/L	EPA 200.8	0.074	0.2			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Chromium	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2012/13-3	ME-SCR	matrix spike	3/5/2013	Metal	Chromium	Total	=	98.2	µg/L	EPA 200.8	0.074	0.2			
2012/13-3	ME-SCR	matrix spike, rec	3/5/2013	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	3/5/2013	Metal	Chromium	Total	=	97.8	µg/L	EPA 200.8	0.074	0.2			
2012/13-3	ME-SCR	matrix spike dup, rec	3/5/2013	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	3/5/2013	Metal	Chromium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2012/13-3	MO-CAM	matrix spike	3/5/2013	Metal	Chromium	Total	=	63.6	µg/L	EPA 200.8	0.074	0.2			
2012/13-3	MO-CAM	matrix spike, rec	3/5/2013	Metal	Chromium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike dup	3/5/2013	Metal	Chromium	Total	=	63.8	µg/L	EPA 200.8	0.074	0.2			
2012/13-3	MO-CAM	matrix spike dup, rec	3/5/2013	Metal	Chromium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike, RPD	3/5/2013	Metal	Chromium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2012/13-3	Lab	LCS	3/4/2013	Metal	Chromium VI	n/a	=	4.99	µg/L	EPA 218.6	0.0059	0.3			
2012/13-3	Lab	LCS, rec	3/4/2013	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	90	110	
2012/13-3	Lab	method blank	3/4/2013	Metal	Chromium VI	n/a	<	0.0059	µg/L	EPA 218.6	0.0059	0.3			
2012/13-3	ME-SCR	matrix spike	3/4/2013	Metal	Chromium VI	n/a	=	4.48	µg/L	EPA 218.6	0.0059	0.3			
2012/13-3	ME-SCR	matrix spike dup	3/4/2013	Metal	Chromium VI	n/a	=	4.73	µg/L	EPA 218.6	0.0059	0.3			
2012/13-3	ME-SCR	matrix spike dup, rec	3/4/2013	Metal	Chromium VI	n/a	=	94	%	EPA 218.6	-88	-88	88	112	
2012/13-3	ME-SCR	matrix spike, rec	3/4/2013	Metal	Chromium VI	n/a	=	89	%	EPA 218.6	-88	-88	88	112	
2012/13-3	ME-SCR	matrix spike, RPD	3/4/2013	Metal	Chromium VI	n/a	=	6	%	EPA 218.6	-88	-88	0	10	
2012/13-3	Lab	method blank	3/5/2013	Metal	Copper	Dissolved	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2012/13-3	Lab	LCS	3/5/2013	Metal	Copper	Dissolved	=	54.8	µg/L	EPA 200.8	0.27	0.5			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Copper	Dissolved	=	110	%	EPA 200.8	-88	-88	85	115	
2012/13-3	Lab	method blank	3/5/2013	Metal	Copper	Total	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2012/13-3	Lab	LCS	3/5/2013	Metal	Copper	Total	=	54.8	µg/L	EPA 200.8	0.27	0.5			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Copper	Total	=	110	%	EPA 200.8	-88	-88	85	115	
2012/13-3	ME-SCR	matrix spike	3/5/2013	Metal	Copper	Total	=	90.2	µg/L	EPA 200.8	0.27	0.5			
2012/13-3	ME-SCR	matrix spike, rec	3/5/2013	Metal	Copper	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	3/5/2013	Metal	Copper	Total	=	89.6	µg/L	EPA 200.8	0.27	0.5			
2012/13-3	ME-SCR	matrix spike dup, rec	3/5/2013	Metal	Copper	Total	=	88	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	3/5/2013	Metal	Copper	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2012/13-3	MO-CAM	matrix spike	3/5/2013	Metal	Copper	Total	=	197	µg/L	EPA 200.8	0.27	0.5			
2012/13-3	MO-CAM	matrix spike, rec	3/5/2013	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike dup	3/5/2013	Metal	Copper	Total	=	199	µg/L	EPA 200.8	0.27	0.5			
2012/13-3	MO-CAM	matrix spike dup, rec	3/5/2013	Metal	Copper	Total	=	108	%	EPA 200.8	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	MO-CAM	matrix spike, RPD	3/5/2013	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-3	Lab	method blank	2/25/2013	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2012/13-3	Lab	LCS	2/25/2013	Metal	Iron	Dissolved	=	182	µg/L	EPA 200.7	1.1	10			
2012/13-3	Lab	LCS, rec	2/25/2013	Metal	Iron	Dissolved	=	91	%	EPA 200.7	-88	-88	85	115	
2012/13-3	Lab	method blank	2/25/2013	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2012/13-3	Lab	LCS	2/25/2013	Metal	Iron	Total	=	182	µg/L	EPA 200.7	1.1	10			
2012/13-3	Lab	LCS, rec	2/25/2013	Metal	Iron	Total	=	91	%	EPA 200.7	-88	-88	85	115	
2012/13-3	ME-SCR	matrix spike	2/25/2013	Metal	Iron	Total	=	1350	µg/L	EPA 200.7	1.1	10			
2012/13-3	ME-SCR	matrix spike, rec	2/25/2013	Metal	Iron	Total	=	88	%	EPA 200.7	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	2/25/2013	Metal	Iron	Total	=	1410	µg/L	EPA 200.7	1.1	10			
2012/13-3	ME-SCR	matrix spike dup, rec	2/25/2013	Metal	Iron	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	2/25/2013	Metal	Iron	Total	=	4	%	EPA 200.7	-88	-88	0	30	
2012/13-3	MO-VEN	matrix spike	2/28/2013	Metal	Iron	Total	=	6760	µg/L	EPA 200.7	1.1	10			BB,CT,GB
2012/13-3	MO-VEN	matrix spike, rec	2/28/2013	Metal	Iron	Total	=	332	%	EPA 200.7	-88	-88	70	130	BB,CT,GB
2012/13-3	MO-VEN	matrix spike dup	2/28/2013	Metal	Iron	Total	=	6730	µg/L	EPA 200.7	1.1	10			BB,CT,GB
2012/13-3	MO-VEN	matrix spike dup, rec	2/28/2013	Metal	Iron	Total	=	315	%	EPA 200.7	-88	-88	70	130	BB,CT,GB
2012/13-3	MO-VEN	matrix spike, RPD	2/28/2013	Metal	Iron	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2012/13-3	Lab	method blank	3/5/2013	Metal	Lead	Dissolved	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2012/13-3	Lab	LCS	3/5/2013	Metal	Lead	Dissolved	=	49.8	µg/L	EPA 200.8	0.011	0.2			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Lead	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2012/13-3	Lab	method blank	3/5/2013	Metal	Lead	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2012/13-3	Lab	LCS	3/5/2013	Metal	Lead	Total	=	49.8	µg/L	EPA 200.8	0.035	0.2			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2012/13-3	ME-SCR	matrix spike	3/5/2013	Metal	Lead	Total	=	108	µg/L	EPA 200.8	0.035	0.2			
2012/13-3	ME-SCR	matrix spike, rec	3/5/2013	Metal	Lead	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	3/5/2013	Metal	Lead	Total	=	105	µg/L	EPA 200.8	0.035	0.2			
2012/13-3	ME-SCR	matrix spike dup, rec	3/5/2013	Metal	Lead	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	3/5/2013	Metal	Lead	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2012/13-3	MO-CAM	matrix spike	3/5/2013	Metal	Lead	Total	=	74.1	µg/L	EPA 200.8	0.035	0.2			
2012/13-3	MO-CAM	matrix spike, rec	3/5/2013	Metal	Lead	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike dup	3/5/2013	Metal	Lead	Total	=	73.9	µg/L	EPA 200.8	0.035	0.2			
2012/13-3	MO-CAM	matrix spike dup, rec	3/5/2013	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike, RPD	3/5/2013	Metal	Lead	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2012/13-3	000NONPJ	matrix spike	2/25/2013	Metal	Mercury	Dissolved	=	965	ng/L	EPA 245.1	3.9	50			QAX
2012/13-3	000NONPJ	matrix spike dup	2/25/2013	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	3.9	50			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	2/25/2013	Metal	Mercury	Dissolved	=	103	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-3	000NONPJ	matrix spike, rec	2/25/2013	Metal	Mercury	Dissolved	=	96	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-3	000NONPJ	matrix spike, RPD	2/25/2013	Metal	Mercury	Dissolved	=	7	%	EPA 245.1	-88	-88	0	20	QAX
2012/13-3	000NONPJ	matrix spike	3/5/2013	Metal	Mercury	Dissolved	=	1060	ng/L	EPA 245.1	3.9	50			QAX
2012/13-3	000NONPJ	matrix spike dup	3/5/2013	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	3.9	50			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/5/2013	Metal	Mercury	Dissolved	=	103	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-3	000NONPJ	matrix spike, rec	3/5/2013	Metal	Mercury	Dissolved	=	105	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/5/2013	Metal	Mercury	Dissolved	=	2	%	EPA 245.1	-88	-88	0	20	QAX
2012/13-3	Lab	LCS	2/25/2013	Metal	Mercury	Dissolved	=	1070	ng/L	EPA 245.1	3.9	50			
2012/13-3	Lab	LCS, rec	2/25/2013	Metal	Mercury	Dissolved	=	107	%	EPA 245.1	-88	-88	85	115	
2012/13-3	Lab	method blank	2/25/2013	Metal	Mercury	Dissolved	DNQ	11	ng/L	EPA 245.1	3.9	50			IP
2012/13-3	Lab	LCS	2/25/2013	Metal	Mercury	Dissolved	=	1060	ng/L	EPA 245.1	3.9	50			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	Lab	LCS, rec	2/25/2013	Metal	Mercury	Dissolved	=	106	%	EPA 245.1	-88	-88	85	115	
2012/13-3	Lab	method blank	2/25/2013	Metal	Mercury	Dissolved	DNQ	11	ng/L	EPA 245.1	3.9	50			IP
2012/13-3	Lab	LCS	3/5/2013	Metal	Mercury	Dissolved	=	1000	ng/L	EPA 245.1	3.9	50			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Mercury	Dissolved	=	100	%	EPA 245.1	-88	-88	85	115	
2012/13-3	Lab	method blank	3/5/2013	Metal	Mercury	Dissolved	DNQ	11	ng/L	EPA 245.1	3.9	50			IP
2012/13-3	ME-SCR	matrix spike	2/25/2013	Metal	Mercury	Dissolved	=	1000	ng/L	EPA 245.1	3.9	50			
2012/13-3	ME-SCR	matrix spike dup	2/25/2013	Metal	Mercury	Dissolved	=	969	ng/L	EPA 245.1	3.9	50			
2012/13-3	ME-SCR	matrix spike dup, rec	2/25/2013	Metal	Mercury	Dissolved	=	96	%	EPA 245.1	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, rec	2/25/2013	Metal	Mercury	Dissolved	=	99	%	EPA 245.1	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	2/25/2013	Metal	Mercury	Dissolved	=	3	%	EPA 245.1	-88	-88	0	20	
2012/13-3	MO-HUE	matrix spike	3/5/2013	Metal	Mercury	Dissolved	=	1070	ng/L	EPA 245.1	3.9	50			
2012/13-3	MO-HUE	matrix spike dup	3/5/2013	Metal	Mercury	Dissolved	=	1010	ng/L	EPA 245.1	3.9	50			
2012/13-3	MO-HUE	matrix spike dup, rec	3/5/2013	Metal	Mercury	Dissolved	=	100	%	EPA 245.1	-88	-88	70	130	
2012/13-3	MO-HUE	matrix spike, rec	3/5/2013	Metal	Mercury	Dissolved	=	106	%	EPA 245.1	-88	-88	70	130	
2012/13-3	MO-HUE	matrix spike, RPD	3/5/2013	Metal	Mercury	Dissolved	=	6	%	EPA 245.1	-88	-88	0	20	
2012/13-3	000NONPJ	matrix spike	2/25/2013	Metal	Mercury	Total	=	965	ng/L	EPA 245.1	3.9	50			QAX
2012/13-3	000NONPJ	matrix spike dup	2/25/2013	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	3.9	50			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	2/25/2013	Metal	Mercury	Total	=	103	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-3	000NONPJ	matrix spike, rec	2/25/2013	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-3	000NONPJ	matrix spike, RPD	2/25/2013	Metal	Mercury	Total	=	7	%	EPA 245.1	-88	-88	0	20	QAX
2012/13-3	000NONPJ	matrix spike	3/5/2013	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	3.9	50			QAX
2012/13-3	000NONPJ	matrix spike dup	3/5/2013	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	3.9	50			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/5/2013	Metal	Mercury	Total	=	103	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-3	000NONPJ	matrix spike, rec	3/5/2013	Metal	Mercury	Total	=	105	%	EPA 245.1	-88	-88	70	130	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/5/2013	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	QAX
2012/13-3	Lab	LCS	2/25/2013	Metal	Mercury	Total	=	1070	ng/L	EPA 245.1	3.9	50			
2012/13-3	Lab	LCS, rec	2/25/2013	Metal	Mercury	Total	=	107	%	EPA 245.1	-88	-88	85	115	
2012/13-3	Lab	method blank	2/25/2013	Metal	Mercury	Total	DNQ	11	ng/L	EPA 245.1	3.9	50			IP
2012/13-3	Lab	LCS	2/25/2013	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	3.9	50			
2012/13-3	Lab	LCS, rec	2/25/2013	Metal	Mercury	Total	=	106	%	EPA 245.1	-88	-88	85	115	
2012/13-3	Lab	method blank	2/25/2013	Metal	Mercury	Total	DNQ	11	ng/L	EPA 245.1	3.9	50			IP
2012/13-3	Lab	LCS	3/5/2013	Metal	Mercury	Total	=	1000	ng/L	EPA 245.1	3.9	50			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	85	115	
2012/13-3	Lab	method blank	3/5/2013	Metal	Mercury	Total	DNQ	11	ng/L	EPA 245.1	3.9	50			IP
2012/13-3	ME-SCR	matrix spike	2/25/2013	Metal	Mercury	Total	=	1000	ng/L	EPA 245.1	3.9	50			
2012/13-3	ME-SCR	matrix spike dup	2/25/2013	Metal	Mercury	Total	=	969	ng/L	EPA 245.1	3.9	50			
2012/13-3	ME-SCR	matrix spike dup, rec	2/25/2013	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, rec	2/25/2013	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	2/25/2013	Metal	Mercury	Total	=	3	%	EPA 245.1	-88	-88	0	20	
2012/13-3	MO-HUE	matrix spike	3/5/2013	Metal	Mercury	Total	=	1070	ng/L	EPA 245.1	3.9	50			
2012/13-3	MO-HUE	matrix spike dup	3/5/2013	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	3.9	50			
2012/13-3	MO-HUE	matrix spike dup, rec	3/5/2013	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	70	130	
2012/13-3	MO-HUE	matrix spike, rec	3/5/2013	Metal	Mercury	Total	=	105	%	EPA 245.1	-88	-88	70	130	
2012/13-3	MO-HUE	matrix spike, RPD	3/5/2013	Metal	Mercury	Total	=	6	%	EPA 245.1	-88	-88	0	20	
2012/13-3	Lab	method blank	3/5/2013	Metal	Nickel	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2012/13-3	Lab	LCS	3/5/2013	Metal	Nickel	Dissolved	=	53.7	µg/L	EPA 200.8	0.13	0.8			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Nickel	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	Lab	method blank	3/5/2013	Metal	Nickel	Total	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2012/13-3	Lab	LCS	3/5/2013	Metal	Nickel	Total	=	53.7	µg/L	EPA 200.8	0.13	0.8			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Nickel	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2012/13-3	ME-SCR	matrix spike	3/5/2013	Metal	Nickel	Total	=	92.3	µg/L	EPA 200.8	0.13	0.8			
2012/13-3	ME-SCR	matrix spike, rec	3/5/2013	Metal	Nickel	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	3/5/2013	Metal	Nickel	Total	=	91.7	µg/L	EPA 200.8	0.13	0.8			
2012/13-3	ME-SCR	matrix spike dup, rec	3/5/2013	Metal	Nickel	Total	=	89	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	3/5/2013	Metal	Nickel	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2012/13-3	MO-CAM	matrix spike	3/5/2013	Metal	Nickel	Total	=	72.4	µg/L	EPA 200.8	0.13	0.8			
2012/13-3	MO-CAM	matrix spike, rec	3/5/2013	Metal	Nickel	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike dup	3/5/2013	Metal	Nickel	Total	=	72.8	µg/L	EPA 200.8	0.13	0.8			
2012/13-3	MO-CAM	matrix spike dup, rec	3/5/2013	Metal	Nickel	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike, RPD	3/5/2013	Metal	Nickel	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2012/13-3	Lab	method blank	3/5/2013	Metal	Selenium	Dissolved	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2012/13-3	Lab	LCS	3/5/2013	Metal	Selenium	Dissolved	=	54.6	µg/L	EPA 200.8	0.28	0.4			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Selenium	Dissolved	=	109	%	EPA 200.8	-88	-88	85	115	
2012/13-3	Lab	method blank	3/5/2013	Metal	Selenium	Total	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2012/13-3	Lab	LCS	3/5/2013	Metal	Selenium	Total	=	54.6	µg/L	EPA 200.8	0.28	0.4			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Selenium	Total	=	109	%	EPA 200.8	-88	-88	85	115	
2012/13-3	ME-SCR	matrix spike	3/5/2013	Metal	Selenium	Total	=	105	µg/L	EPA 200.8	0.28	0.4			
2012/13-3	ME-SCR	matrix spike, rec	3/5/2013	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	3/5/2013	Metal	Selenium	Total	=	104	µg/L	EPA 200.8	0.28	0.4			
2012/13-3	ME-SCR	matrix spike dup, rec	3/5/2013	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	3/5/2013	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-3	MO-CAM	matrix spike	3/5/2013	Metal	Selenium	Total	=	53.1	µg/L	EPA 200.8	0.28	0.4			
2012/13-3	MO-CAM	matrix spike, rec	3/5/2013	Metal	Selenium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike dup	3/5/2013	Metal	Selenium	Total	=	51.7	µg/L	EPA 200.8	0.28	0.4			
2012/13-3	MO-CAM	matrix spike dup, rec	3/5/2013	Metal	Selenium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike, RPD	3/5/2013	Metal	Selenium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2012/13-3	Lab	method blank	3/5/2013	Metal	Silver	Dissolved	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2012/13-3	Lab	LCS	3/5/2013	Metal	Silver	Dissolved	=	50.1	µg/L	EPA 200.8	0.027	0.2			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Silver	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	
2012/13-3	Lab	method blank	3/5/2013	Metal	Silver	Total	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2012/13-3	Lab	LCS	3/5/2013	Metal	Silver	Total	=	50.1	µg/L	EPA 200.8	0.027	0.2			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	85	115	
2012/13-3	ME-SCR	matrix spike	3/5/2013	Metal	Silver	Total	=	89.9	µg/L	EPA 200.8	0.027	0.2			
2012/13-3	ME-SCR	matrix spike, rec	3/5/2013	Metal	Silver	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	3/5/2013	Metal	Silver	Total	=	87.4	µg/L	EPA 200.8	0.027	0.2			
2012/13-3	ME-SCR	matrix spike dup, rec	3/5/2013	Metal	Silver	Total	=	87	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	3/5/2013	Metal	Silver	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2012/13-3	MO-CAM	matrix spike	3/5/2013	Metal	Silver	Total	=	48.1	µg/L	EPA 200.8	0.027	0.2			
2012/13-3	MO-CAM	matrix spike, rec	3/5/2013	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike dup	3/5/2013	Metal	Silver	Total	=	48.2	µg/L	EPA 200.8	0.027	0.2			
2012/13-3	MO-CAM	matrix spike dup, rec	3/5/2013	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike, RPD	3/5/2013	Metal	Silver	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2012/13-3	Lab	method blank	3/5/2013	Metal	Thallium	Dissolved	<	0.009	µg/L	EPA 200.8	0.009	0.2			
2012/13-3	Lab	LCS	3/5/2013	Metal	Thallium	Dissolved	=	51.3	µg/L	EPA 200.8	0.009	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	
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Thallium	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	
2012/13-3	Lab	method blank	3/5/2013	Metal	Thallium	Total	<	0.034	µg/L	EPA 200.8	0.034	0.2			
2012/13-3	Lab	LCS	3/5/2013	Metal	Thallium	Total	=	51.3	µg/L	EPA 200.8	0.034	0.2			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	85	115	
2012/13-3	ME-SCR	matrix spike	3/5/2013	Metal	Thallium	Total	=	111	µg/L	EPA 200.8	0.034	0.2			
2012/13-3	ME-SCR	matrix spike, rec	3/5/2013	Metal	Thallium	Total	=	111	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	3/5/2013	Metal	Thallium	Total	=	108	µg/L	EPA 200.8	0.034	0.2			
2012/13-3	ME-SCR	matrix spike dup, rec	3/5/2013	Metal	Thallium	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	3/5/2013	Metal	Thallium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2012/13-3	MO-CAM	matrix spike	3/5/2013	Metal	Thallium	Total	=	53.2	µg/L	EPA 200.8	0.034	0.2			
2012/13-3	MO-CAM	matrix spike, rec	3/5/2013	Metal	Thallium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike dup	3/5/2013	Metal	Thallium	Total	=	53.5	µg/L	EPA 200.8	0.034	0.2			
2012/13-3	MO-CAM	matrix spike dup, rec	3/5/2013	Metal	Thallium	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike, RPD	3/5/2013	Metal	Thallium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2012/13-3	Lab	method blank	3/5/2013	Metal	Zinc	Dissolved	<	1.1	µg/L	EPA 200.8	1.1	5			
2012/13-3	Lab	LCS	3/5/2013	Metal	Zinc	Dissolved	=	57.7	µg/L	EPA 200.8	1.1	5			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Zinc	Dissolved	=	115	%	EPA 200.8	-88	-88	85	115	
2012/13-3	Lab	method blank	3/5/2013	Metal	Zinc	Total	<	1.1	µg/L	EPA 200.8	1.1	5			
2012/13-3	Lab	LCS	3/5/2013	Metal	Zinc	Total	=	57.7	µg/L	EPA 200.8	1.1	5			
2012/13-3	Lab	LCS, rec	3/5/2013	Metal	Zinc	Total	=	115	%	EPA 200.8	-88	-88	85	115	
2012/13-3	ME-SCR	matrix spike	3/5/2013	Metal	Zinc	Total	=	95.2	µg/L	EPA 200.8	1.1	5			
2012/13-3	ME-SCR	matrix spike, rec	3/5/2013	Metal	Zinc	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	3/5/2013	Metal	Zinc	Total	=	94.6	µg/L	EPA 200.8	1.1	5			
2012/13-3	ME-SCR	matrix spike dup, rec	3/5/2013	Metal	Zinc	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	3/5/2013	Metal	Zinc	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2012/13-3	MO-CAM	matrix spike	3/5/2013	Metal	Zinc	Total	=	614	µg/L	EPA 200.8	1.1	5			
2012/13-3	MO-CAM	matrix spike, rec	3/5/2013	Metal	Zinc	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike dup	3/5/2013	Metal	Zinc	Total	=	610	µg/L	EPA 200.8	1.1	5			
2012/13-3	MO-CAM	matrix spike dup, rec	3/5/2013	Metal	Zinc	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2012/13-3	MO-CAM	matrix spike, RPD	3/5/2013	Metal	Zinc	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2012/13-3	000NONPJ	matrix spike	3/12/2013	Nutrient	Ammonia as N	n/a	=	1.04	mg/L	EPA 350.1	0.048	0.1			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/12/2013	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	QAX
2012/13-3	000NONPJ	matrix spike dup	3/12/2013	Nutrient	Ammonia as N	n/a	=	1.04	mg/L	EPA 350.1	0.048	0.1			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/12/2013	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/12/2013	Nutrient	Ammonia as N	n/a	=	0	%	EPA 350.1	-88	-88	0	15	QAX
2012/13-3	Lab	method blank	3/12/2013	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2012/13-3	Lab	LCS	3/12/2013	Nutrient	Ammonia as N	n/a	=	0.981	mg/L	EPA 350.1	0.048	0.1			
2012/13-3	Lab	LCS, rec	3/12/2013	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	
2012/13-3	ME-SCR	matrix spike	3/12/2013	Nutrient	Ammonia as N	n/a	=	1.03	mg/L	EPA 350.1	0.048	0.1			
2012/13-3	ME-SCR	matrix spike, rec	3/12/2013	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	
2012/13-3	ME-SCR	matrix spike dup	3/12/2013	Nutrient	Ammonia as N	n/a	=	1.01	mg/L	EPA 350.1	0.048	0.1			
2012/13-3	ME-SCR	matrix spike dup, rec	3/12/2013	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2012/13-3	ME-SCR	matrix spike, RPD	3/12/2013	Nutrient	Ammonia as N	n/a	=	2	%	EPA 350.1	-88	-88	0	15	
2012/13-3	000NONPJ	matrix spike	2/21/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	2.07	mg/L	EPA 353.2	0.01	0.1			QAX
2012/13-3	000NONPJ	matrix spike, rec	2/21/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	QAX
2012/13-3	000NONPJ	matrix spike dup	2/21/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	2.04	mg/L	EPA 353.2	0.01	0.1			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	2/21/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	QAX

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	000NONPJ	matrix spike, RPD	2/21/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	QAX
2012/13-3	Lab	LCS	2/21/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	0.908	mg/L	EPA 353.2	0.01	0.1			
2012/13-3	Lab	LCS, rec	2/21/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	91	%	EPA 353.2	-88	-88	90	110	
2012/13-3	Lab	method blank	2/21/2013	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2012/13-3	ME-SCR	matrix spike dup	2/21/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	3.42	mg/L	EPA 353.2	0.01	0.1			
2012/13-3	ME-SCR	matrix spike dup, rec	2/21/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2012/13-3	ME-SCR	matrix spike, RPD	2/21/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	
2012/13-3	ME-SCR	matrix spike	2/21/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	3.36	mg/L	EPA 353.2	0.01	0.1			
2012/13-3	ME-SCR	matrix spike, rec	2/21/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	93	%	EPA 353.2	-88	-88	90	110	
2012/13-3	000NONPJ	matrix spike	2/21/2013	Nutrient	Nitrate as N	n/a	=	2.07	mg/L	EPA 353.2	0.041	0.1			QAX
2012/13-3	000NONPJ	matrix spike, rec	2/21/2013	Nutrient	Nitrate as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	QAX
2012/13-3	000NONPJ	matrix spike dup	2/21/2013	Nutrient	Nitrate as N	n/a	=	2.04	mg/L	EPA 353.2	0.041	0.1			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	2/21/2013	Nutrient	Nitrate as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	QAX
2012/13-3	000NONPJ	matrix spike, RPD	2/21/2013	Nutrient	Nitrate as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	QAX
2012/13-3	Lab	LCS	2/21/2013	Nutrient	Nitrate as N	n/a	=	0.908	mg/L	EPA 353.2	0.041	0.1			
2012/13-3	Lab	LCS, rec	2/21/2013	Nutrient	Nitrate as N	n/a	=	91	%	EPA 353.2	-88	-88	90	110	
2012/13-3	Lab	method blank	2/21/2013	Nutrient	Nitrate as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2012/13-3	000NONPJ	matrix spike	3/14/2013	Nutrient	Phosphorus as P	Dissolved	=	0.051	mg/L	EPA 365.1	0.0014	0.01			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/14/2013	Nutrient	Phosphorus as P	Dissolved	=	98	%	EPA 365.1	-88	-88	90	110	QAX
2012/13-3	000NONPJ	matrix spike dup	3/14/2013	Nutrient	Phosphorus as P	Dissolved	=	0.052	mg/L	EPA 365.1	0.0014	0.01			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/14/2013	Nutrient	Phosphorus as P	Dissolved	=	100	%	EPA 365.1	-88	-88	90	110	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/14/2013	Nutrient	Phosphorus as P	Dissolved	=	2	%	EPA 365.1	-88	-88	0	10	QAX
2012/13-3	Lab	method blank	3/14/2013	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2012/13-3	Lab	LCS	3/14/2013	Nutrient	Phosphorus as P	Dissolved	=	0.0525	mg/L	EPA 365.1	0.0014	0.01			
2012/13-3	Lab	LCS, rec	3/14/2013	Nutrient	Phosphorus as P	Dissolved	=	105	%	EPA 365.1	-88	-88			
2012/13-3	ME-SCR	matrix spike	3/14/2013	Nutrient	Phosphorus as P	Dissolved	=	0.0562	mg/L	EPA 365.1	0.0014	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/14/2013	Nutrient	Phosphorus as P	Dissolved	=	102	%	EPA 365.1	-88	-88	90	110	
2012/13-3	ME-SCR	matrix spike dup	3/14/2013	Nutrient	Phosphorus as P	Dissolved	=	0.0557	mg/L	EPA 365.1	0.0014	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/14/2013	Nutrient	Phosphorus as P	Dissolved	=	101	%	EPA 365.1	-88	-88	90	110	
2012/13-3	ME-SCR	matrix spike, RPD	3/14/2013	Nutrient	Phosphorus as P	Dissolved	=	0.9	%	EPA 365.1	-88	-88	0	10	
2012/13-3	000NONPJ	matrix spike	3/5/2013	Nutrient	Phosphorus as P	Total	=	0.177	mg/L	EPA 365.1	0.0014	0.01			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/5/2013	Nutrient	Phosphorus as P	Total	=	104	%	EPA 365.1	-88	-88	90	110	QAX
2012/13-3	000NONPJ	matrix spike dup	3/5/2013	Nutrient	Phosphorus as P	Total	=	0.179	mg/L	EPA 365.1	0.0014	0.01			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/5/2013	Nutrient	Phosphorus as P	Total	=	108	%	EPA 365.1	-88	-88	90	110	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/5/2013	Nutrient	Phosphorus as P	Total	=	1	%	EPA 365.1	-88	-88	0	10	QAX
2012/13-3	000NONPJ	matrix spike	3/14/2013	Nutrient	Phosphorus as P	Total	=	0.051	mg/L	EPA 365.1	0.0014	0.01			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/14/2013	Nutrient	Phosphorus as P	Total	=	99	%	EPA 365.1	-88	-88	90	110	QAX
2012/13-3	000NONPJ	matrix spike dup	3/14/2013	Nutrient	Phosphorus as P	Total	=	0.0509	mg/L	EPA 365.1	0.0014	0.01			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/14/2013	Nutrient	Phosphorus as P	Total	=	99	%	EPA 365.1	-88	-88	90	110	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/14/2013	Nutrient	Phosphorus as P	Total	=	0.2	%	EPA 365.1	-88	-88	0	10	QAX
2012/13-3	000NONPJ	matrix spike	3/14/2013	Nutrient	Phosphorus as P	Total	=	0.0603	mg/L	EPA 365.1	0.0014	0.01			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/14/2013	Nutrient	Phosphorus as P	Total	=	102	%	EPA 365.1	-88	-88	90	110	QAX
2012/13-3	000NONPJ	matrix spike dup	3/14/2013	Nutrient	Phosphorus as P	Total	=	0.0602	mg/L	EPA 365.1	0.0014	0.01			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/14/2013	Nutrient	Phosphorus as P	Total	=	102	%	EPA 365.1	-88	-88	90	110	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/14/2013	Nutrient	Phosphorus as P	Total	=	0.2	%	EPA 365.1	-88	-88	0	10	QAX
2012/13-3	Lab	method blank	3/5/2013	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2012/13-3	Lab	LCS	3/5/2013	Nutrient	Phosphorus as P	Total	=	0.0517	mg/L	EPA 365.1	0.0014	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	Lab	LCS, rec	3/5/2013	Nutrient	Phosphorus as P	Total	=	103	%	EPA 365.1	-88	-88	90	110	
2012/13-3	Lab	method blank	3/14/2013	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2012/13-3	Lab	LCS	3/14/2013	Nutrient	Phosphorus as P	Total	=	0.0518	mg/L	EPA 365.1	0.0014	0.01			
2012/13-3	Lab	LCS, rec	3/14/2013	Nutrient	Phosphorus as P	Total	=	104	%	EPA 365.1	-88	-88	90	110	
2012/13-3	ME-SCR	matrix spike	3/5/2013	Nutrient	Phosphorus as P	Total	=	0.102	mg/L	EPA 365.1	0.0014	0.01			DB,GB
2012/13-3	ME-SCR	matrix spike, rec	3/5/2013	Nutrient	Phosphorus as P	Total	=	111	%	EPA 365.1	-88	-88	90	110	DB,GB
2012/13-3	ME-SCR	matrix spike dup	3/5/2013	Nutrient	Phosphorus as P	Total	=	0.103	mg/L	EPA 365.1	0.0014	0.01			DB,GB
2012/13-3	ME-SCR	matrix spike dup, rec	3/5/2013	Nutrient	Phosphorus as P	Total	=	113	%	EPA 365.1	-88	-88	90	110	DB,GB
2012/13-3	ME-SCR	matrix spike, RPD	3/5/2013	Nutrient	Phosphorus as P	Total	=	1	%	EPA 365.1	-88	-88	0	10	
2012/13-3	000NONPJ	matrix spike	3/12/2013	Nutrient	TKN	n/a	=	1.09	mg/L	EPA 351.2	0.074	0.1			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/12/2013	Nutrient	TKN	n/a	=	109	%	EPA 351.2	-88	-88	90	110	QAX
2012/13-3	000NONPJ	matrix spike dup	3/12/2013	Nutrient	TKN	n/a	=	1.1	mg/L	EPA 351.2	0.074	0.1			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/12/2013	Nutrient	TKN	n/a	=	110	%	EPA 351.2	-88	-88	90	110	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/12/2013	Nutrient	TKN	n/a	=	1	%	EPA 351.2	-88	-88	0	15	QAX
2012/13-3	Lab	method blank	3/12/2013	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			
2012/13-3	Lab	LCS	3/12/2013	Nutrient	TKN	n/a	=	0.97	mg/L	EPA 351.2	0.074	0.1			
2012/13-3	Lab	LCS, rec	3/12/2013	Nutrient	TKN	n/a	=	97	%	EPA 351.2	-88	-88	90	110	
2012/13-3	ME-SCR	matrix spike	3/12/2013	Nutrient	TKN	n/a	=	1.29	mg/L	EPA 351.2	0.074	0.1			
2012/13-3	ME-SCR	matrix spike, rec	3/12/2013	Nutrient	TKN	n/a	=	106	%	EPA 351.2	-88	-88	90	110	
2012/13-3	ME-SCR	matrix spike dup	3/12/2013	Nutrient	TKN	n/a	=	1.18	mg/L	EPA 351.2	0.074	0.1			
2012/13-3	ME-SCR	matrix spike dup, rec	3/12/2013	Nutrient	TKN	n/a	=	95	%	EPA 351.2	-88	-88	90	110	
2012/13-3	ME-SCR	matrix spike, RPD	3/12/2013	Nutrient	TKN	n/a	=	9	%	EPA 351.2	-88	-88	0	15	
2012/13-3	Lab	method blank	3/6/2013	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	28.4	µg/L	EPA 625	0.55	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	57	%	EPA 625	-88	-88	44	142	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	10.5	µg/L	EPA 625	0.55	1			GB
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	21	%	EPA 625	-88	-88	44	142	GB
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	11	µg/L	EPA 625	0.55	1			GB
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	22	%	EPA 625	-88	-88	44	142	GB
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2012/13-3	Lab	method blank	3/6/2013	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	1,2-Dichlorobenzene	n/a	=	27.6	µg/L	EPA 625	0.57	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	1,2-Dichlorobenzene	n/a	=	55	%	EPA 625	-88	-88	32	129	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	1,2-Dichlorobenzene	n/a	=	12.1	µg/L	EPA 625	0.57	1			GB
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	1,2-Dichlorobenzene	n/a	=	24	%	EPA 625	-88	-88	32	129	GB
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	1,2-Dichlorobenzene	n/a	=	11.7	µg/L	EPA 625	0.57	1			GB
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	1,2-Dichlorobenzene	n/a	=	23	%	EPA 625	-88	-88	32	129	GB
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	1,2-Dichlorobenzene	n/a	=	3	%	EPA 625	-88	-88	0	30	
2012/13-3	Lab	srgt LCS dup	2/27/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.49	µg/L	EPA 524.2	-88	-88			
2012/13-3	Lab	srgt LCS dup, rec	2/27/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	95	%	EPA 524.2	-88	-88	70	130	
2012/13-3	Lab	srgt LCS	2/27/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.17	µg/L	EPA 524.2	-88	-88			
2012/13-3	Lab	srgt LCS, rec	2/27/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	92	%	EPA 524.2	-88	-88	70	130	
2012/13-3	Lab	srgt method blank	2/27/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.16	µg/L	EPA 524.2	-88	-88			
2012/13-3	Lab	srgt method blank, rec	2/27/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	82	%	EPA 524.2	-88	-88	70	130	
2012/13-3	ME-CC	srgt environ	2/27/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.44	µg/L	EPA 524.2	-88	-88			
2012/13-3	ME-CC	srgt environ, rec	2/27/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	84	%	EPA 524.2	-88	-88	70	130	
2012/13-3	ME-SCR	srgt environ	2/27/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.51	µg/L	EPA 524.2	-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	
2012/13-3	ME-SCR	srgt environ, rec	2/27/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	85	%	EPA 524.2	-88	-88	70	130	
2012/13-3	MO-CAM	srgt environ	2/28/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.2	µg/L	EPA 524.2	-88	-88			
2012/13-3	MO-CAM	srgt environ, rec	2/28/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	92	%	EPA 524.2	-88	-88	70	130	
2012/13-3	MO-FIL	srgt environ	2/28/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.41	µg/L	EPA 524.2	-88	-88			
2012/13-3	MO-FIL	srgt environ, rec	2/28/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	84	%	EPA 524.2	-88	-88	70	130	
2012/13-3	MO-HUE	srgt environ	2/28/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.18	µg/L	EPA 524.2	-88	-88			
2012/13-3	MO-HUE	srgt environ, rec	2/28/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	92	%	EPA 524.2	-88	-88	70	130	
2012/13-3	MO-OXN	srgt environ	2/28/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.4	µg/L	EPA 524.2	-88	-88			
2012/13-3	MO-OXN	srgt environ, rec	2/28/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	84	%	EPA 524.2	-88	-88	70	130	
2012/13-3	MO-SIM	srgt environ	2/28/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.3	µg/L	EPA 524.2	-88	-88			
2012/13-3	MO-SIM	srgt environ, rec	2/28/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	93	%	EPA 524.2	-88	-88	70	130	
2012/13-3	MO-SPA	srgt environ	2/28/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.78	µg/L	EPA 524.2	-88	-88			
2012/13-3	MO-SPA	srgt environ, rec	2/28/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	98	%	EPA 524.2	-88	-88	70	130	
2012/13-3	MO-THO	srgt environ	2/28/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.06	µg/L	EPA 524.2	-88	-88			
2012/13-3	MO-THO	srgt environ, rec	2/28/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	91	%	EPA 524.2	-88	-88	70	130	
2012/13-3	MO-VEN	srgt field blank	2/28/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.72	µg/L	EPA 524.2	-88	-88			
2012/13-3	MO-VEN	srgt field blank, rec	2/28/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	87	%	EPA 524.2	-88	-88			
2012/13-3	MO-VEN	srgt environ	2/28/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.71	µg/L	EPA 524.2	-88	-88			
2012/13-3	MO-VEN	srgt environ, rec	2/28/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	97	%	EPA 524.2	-88	-88	70	130	
2012/13-3	Lab	method blank	3/6/2013	Organic	1,2-Diphenylhydrazine	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-3	Lab	method blank	3/6/2013	Organic	1,3-Dichlorobenzene	n/a	<	0.53	µg/L	EPA 625	0.53	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	1,3-Dichlorobenzene	n/a	=	26	µg/L	EPA 625	0.53	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	1,3-Dichlorobenzene	n/a	=	52	%	EPA 625	-88	-88	0.1	172	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	1,3-Dichlorobenzene	n/a	=	10.4	µg/L	EPA 625	0.53	1			
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	1,3-Dichlorobenzene	n/a	=	21	%	EPA 625	-88	-88	0.1	172	
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	1,3-Dichlorobenzene	n/a	=	11.3	µg/L	EPA 625	0.53	1			
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	1,3-Dichlorobenzene	n/a	=	23	%	EPA 625	-88	-88	0.1	172	
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	1,3-Dichlorobenzene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-3	Lab	srgt method blank	3/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.474	µg/L	EPA 525.2	-88	-88			
2012/13-3	Lab	srgt method blank, rec	3/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	73	136	
2012/13-3	Lab	srgt LCS	3/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.504	µg/L	EPA 525.2	-88	-88			
2012/13-3	Lab	srgt LCS, rec	3/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	
2012/13-3	Lab	srgt method blank	3/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.08	µg/L	EPA 525.2	-88	-88			
2012/13-3	Lab	srgt method blank, rec	3/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2012/13-3	Lab	srgt LCS	3/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.01	µg/L	EPA 525.2	-88	-88			
2012/13-3	Lab	srgt LCS, rec	3/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2012/13-3	Lab	srgt method blank	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.487	µg/L	EPA 525.2	-88	-88			
2012/13-3	Lab	srgt method blank, rec	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	136	
2012/13-3	Lab	srgt LCS	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.529	µg/L	EPA 525.2	-88	-88			
2012/13-3	Lab	srgt LCS, rec	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	136	
2012/13-3	ME-CC	srgt environ	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.47	µg/L	EPA 525.2	-88	-88			
2012/13-3	ME-CC	srgt environ, rec	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2012/13-3	ME-CC	srgt environ	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.496	µg/L	EPA 525.2	-88	-88			
2012/13-3	ME-CC	srgt environ, rec	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2012/13-3	ME-SCR	srgt environ	3/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.09	µg/L	EPA 525.2	-88	-88			
2012/13-3	ME-SCR	srgt environ, rec	3/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2012/13-3	ME-SCR	srgt matrix spike dup	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.505	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	
2012/13-3	ME-SCR	srgt matrix spike dup, rec	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	
2012/13-3	ME-SCR	srgt matrix spike	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.494	µg/L	EPA 525.2	-88	-88			
2012/13-3	ME-SCR	srgt matrix spike, rec	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	
2012/13-3	ME-SCR	srgt environ	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.521	µg/L	EPA 525.2	-88	-88			
2012/13-3	ME-SCR	srgt environ, rec	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	
2012/13-3	MO-CAM	srgt environ	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.02	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-CAM	srgt environ, rec	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	80	%	EPA 525.2	-88	-88	73	136	
2012/13-3	MO-CAM	srgt environ	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.544	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-CAM	srgt environ, rec	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	73	136	
2012/13-3	MO-FIL	srgt environ	3/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.508	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-FIL	srgt environ, rec	3/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2012/13-3	MO-FIL	srgt environ	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.03	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-FIL	srgt environ, rec	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	
2012/13-3	MO-HUE	srgt environ	3/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.498	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-HUE	srgt environ, rec	3/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2012/13-3	MO-HUE	srgt matrix spike	3/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.73	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-HUE	srgt matrix spike, rec	3/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	115	%	EPA 525.2	-88	-88	73	136	
2012/13-3	MO-HUE	srgt matrix spike dup	3/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.37	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-HUE	srgt matrix spike dup, rec	3/14/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	127	%	EPA 525.2	-88	-88	73	136	
2012/13-3	MO-HUE	srgt environ	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.63	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-HUE	srgt environ, rec	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	133	%	EPA 525.2	-88	-88	73	136	
2012/13-3	MO-OXN	srgt environ	3/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.535	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-OXN	srgt environ, rec	3/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	136	
2012/13-3	MO-OXN	srgt environ	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.87	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-OXN	srgt environ, rec	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	136	
2012/13-3	MO-SIM	srgt matrix spike dup	3/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.502	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-SIM	srgt matrix spike dup, rec	3/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	
2012/13-3	MO-SIM	srgt matrix spike	3/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.537	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-SIM	srgt matrix spike, rec	3/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	136	
2012/13-3	MO-SIM	srgt environ	3/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.509	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-SIM	srgt environ, rec	3/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2012/13-3	MO-SIM	srgt environ	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.08	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-SIM	srgt environ, rec	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2012/13-3	MO-SPA	srgt environ	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.26	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-SPA	srgt environ, rec	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	136	
2012/13-3	MO-THO	srgt environ	3/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.511	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-THO	srgt environ, rec	3/13/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2012/13-3	MO-THO	srgt environ	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.09	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-THO	srgt environ, rec	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	
2012/13-3	MO-VEN	srgt environ	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.32	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-VEN	srgt environ, rec	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	136	
2012/13-3	MO-VEN	srgt environ	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.532	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-VEN	srgt environ, rec	3/15/2013	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	136	
2012/13-3	Lab	method blank	3/6/2013	Organic	1,4-Dichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	1,4-Dichlorobenzene	n/a	=	27.6	µg/L	EPA 625	0.55	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	1,4-Dichlorobenzene	n/a	=	55	%	EPA 625	-88	-88	20	124	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	1,4-Dichlorobenzene	n/a	=	11.1	µg/L	EPA 625	0.55	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	1,4-Dichlorobenzene	n/a	=	22	%	EPA 625	-88	-88	20	124	
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	1,4-Dichlorobenzene	n/a	=	11.5	µg/L	EPA 625	0.55	1			
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	1,4-Dichlorobenzene	n/a	=	23	%	EPA 625	-88	-88	20	124	
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	1,4-Dichlorobenzene	n/a	=	4	%	EPA 625	-88	-88	0	30	
2012/13-3	Lab	method blank	3/21/2013	Organic	1-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	method blank	3/20/2013	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1			
2012/13-3	000NONPJ	srgt matrix spike	3/20/2013	Organic	2,4,6-Tribromophenol	n/a	=	6.11	µg/L	EPA 8270Cm	-88	-88			QAX
2012/13-3	000NONPJ	srgt matrix spike, rec	3/20/2013	Organic	2,4,6-Tribromophenol	n/a	=	61	%	EPA 8270Cm	-88	-88	44	115	QAX
2012/13-3	000NONPJ	srgt matrix spike dup	3/20/2013	Organic	2,4,6-Tribromophenol	n/a	=	6.66	µg/L	EPA 8270Cm	-88	-88			QAX
2012/13-3	000NONPJ	srgt matrix spike dup, rec	3/20/2013	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 8270Cm	-88	-88	44	115	QAX
2012/13-3	Lab	srgt method blank	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	55.4	µg/L	EPA 625	-88	-88			
2012/13-3	Lab	srgt method blank, rec	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	55	%	EPA 625	-88	-88	0.1	157	
2012/13-3	Lab	srgt LCS	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	66.3	µg/L	EPA 625	-88	-88			
2012/13-3	Lab	srgt LCS, rec	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	66	%	EPA 625	-88	-88	0.1	157	
2012/13-3	Lab	srgt method blank	3/20/2013	Organic	2,4,6-Tribromophenol	n/a	=	3.14	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-3	Lab	srgt method blank, rec	3/20/2013	Organic	2,4,6-Tribromophenol	n/a	=	31	%	EPA 8270Cm	-88	-88	44	115	GN
2012/13-3	Lab	srgt LCS	3/20/2013	Organic	2,4,6-Tribromophenol	n/a	=	6.21	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	Lab	srgt LCS, rec	3/20/2013	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 8270Cm	-88	-88	44	115	
2012/13-3	ME-CC	srgt matrix spike	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	29.2	µg/L	EPA 625	-88	-88			
2012/13-3	ME-CC	srgt matrix spike, rec	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	29	%	EPA 625	-88	-88	0.1	157	
2012/13-3	ME-CC	srgt matrix spike dup	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	29.4	µg/L	EPA 625	-88	-88			
2012/13-3	ME-CC	srgt matrix spike dup, rec	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	29	%	EPA 625	-88	-88	0.1	157	
2012/13-3	ME-CC	srgt environ	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	48.7	µg/L	EPA 625	-88	-88			
2012/13-3	ME-CC	srgt environ, rec	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	49	%	EPA 625	-88	-88	0.1	157	
2012/13-3	ME-CC	srgt environ	3/20/2013	Organic	2,4,6-Tribromophenol	n/a	=	5.26	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	ME-CC	srgt environ, rec	3/20/2013	Organic	2,4,6-Tribromophenol	n/a	=	53	%	EPA 8270Cm	-88	-88	44	115	
2012/13-3	ME-SCR	srgt environ	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	65.3	µg/L	EPA 625	-88	-88			
2012/13-3	ME-SCR	srgt environ, rec	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	65	%	EPA 625	-88	-88	0.1	157	
2012/13-3	ME-SCR	srgt environ	3/20/2013	Organic	2,4,6-Tribromophenol	n/a	=	3.84	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-3	ME-SCR	srgt environ, rec	3/20/2013	Organic	2,4,6-Tribromophenol	n/a	=	38	%	EPA 8270Cm	-88	-88	44	115	GN
2012/13-3	MO-CAM	srgt environ	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	42.3	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-CAM	srgt environ, rec	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	42	%	EPA 625	-88	-88	0.1	157	D
2012/13-3	MO-CAM	srgt environ	3/20/2013	Organic	2,4,6-Tribromophenol	n/a	=	9	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-CAM	srgt environ, rec	3/20/2013	Organic	2,4,6-Tribromophenol	n/a	=	90	%	EPA 8270Cm	-88	-88	44	115	D
2012/13-3	MO-FIL	srgt environ	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	56.1	µg/L	EPA 625	-88	-88			
2012/13-3	MO-FIL	srgt environ, rec	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	56	%	EPA 625	-88	-88	0.1	157	
2012/13-3	MO-FIL	srgt environ	3/20/2013	Organic	2,4,6-Tribromophenol	n/a	=	6.24	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	MO-FIL	srgt environ, rec	3/20/2013	Organic	2,4,6-Tribromophenol	n/a	=	62	%	EPA 8270Cm	-88	-88	44	115	
2012/13-3	MO-HUE	srgt environ	3/7/2013	Organic	2,4,6-Tribromophenol	n/a	=	62.6	µg/L	EPA 625	-88	-88			
2012/13-3	MO-HUE	srgt environ, rec	3/7/2013	Organic	2,4,6-Tribromophenol	n/a	=	63	%	EPA 625	-88	-88	0.1	157	
2012/13-3	MO-HUE	srgt environ	3/21/2013	Organic	2,4,6-Tribromophenol	n/a	=	6.83	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	MO-HUE	srgt environ, rec	3/21/2013	Organic	2,4,6-Tribromophenol	n/a	=	68	%	EPA 8270Cm	-88	-88	44	115	
2012/13-3	MO-OXN	srgt environ	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	43	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-OXN	srgt environ, rec	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	43	%	EPA 625	-88	-88	0.1	157	D
2012/13-3	MO-OXN	srgt environ	3/21/2013	Organic	2,4,6-Tribromophenol	n/a	=	7.8	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-OXN	srgt environ, rec	3/21/2013	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 8270Cm	-88	-88	44	115	D
2012/13-3	MO-SIM	srgt environ	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	42.7	µg/L	EPA 625	-88	-88			D

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	MO-SIM	srgt environ, rec	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	43	%	EPA 625	-88	-88	0.1	157	D
2012/13-3	MO-SIM	srgt environ	3/21/2013	Organic	2,4,6-Tribromophenol	n/a	=	9.9	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-SIM	srgt environ, rec	3/21/2013	Organic	2,4,6-Tribromophenol	n/a	=	99	%	EPA 8270Cm	-88	-88	44	115	D
2012/13-3	MO-SPA	srgt environ	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	55.2	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-SPA	srgt environ, rec	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	55	%	EPA 625	-88	-88	0.1	157	D
2012/13-3	MO-SPA	srgt environ	3/20/2013	Organic	2,4,6-Tribromophenol	n/a	=	18.6	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-SPA	srgt environ, rec	3/20/2013	Organic	2,4,6-Tribromophenol	n/a	=	93	%	EPA 8270Cm	-88	-88	44	115	D
2012/13-3	MO-THO	srgt environ	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	50.7	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-THO	srgt environ, rec	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	51	%	EPA 625	-88	-88	0.1	157	D
2012/13-3	MO-THO	srgt environ	3/21/2013	Organic	2,4,6-Tribromophenol	n/a	=	9	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-THO	srgt environ, rec	3/21/2013	Organic	2,4,6-Tribromophenol	n/a	=	90	%	EPA 8270Cm	-88	-88	44	115	D
2012/13-3	MO-VEN	srgt environ	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	48.2	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-VEN	srgt environ, rec	3/6/2013	Organic	2,4,6-Tribromophenol	n/a	=	48	%	EPA 625	-88	-88	0.1	157	D
2012/13-3	MO-VEN	srgt environ	3/20/2013	Organic	2,4,6-Tribromophenol	n/a	=	10	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-VEN	srgt environ, rec	3/20/2013	Organic	2,4,6-Tribromophenol	n/a	=	100	%	EPA 8270Cm	-88	-88	44	115	D
2012/13-3	Lab	method blank	3/20/2013	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2012/13-3	Lab	LCS	3/20/2013	Organic	2,4,6-Trichlorophenol	n/a	=	6.44	µg/L	EPA 8270Cm	0.3	1			
2012/13-3	Lab	LCS, rec	3/20/2013	Organic	2,4,6-Trichlorophenol	n/a	=	64	%	EPA 8270Cm	-88	-88	52	150	
2012/13-3	Lab	method blank	3/20/2013	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1			
2012/13-3	Lab	LCS	3/20/2013	Organic	2,4-Dichlorophenol	n/a	=	5.98	µg/L	EPA 8270Cm	0.51	1			
2012/13-3	Lab	LCS, rec	3/20/2013	Organic	2,4-Dichlorophenol	n/a	=	60	%	EPA 8270Cm	-88	-88	53	106	
2012/13-3	Lab	srgt method blank	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.5	µg/L	EPA 515.3	-88	-88			
2012/13-3	Lab	srgt method blank, rec	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2012/13-3	Lab	srgt LCS	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.6	µg/L	EPA 515.3	-88	-88			
2012/13-3	Lab	srgt LCS, rec	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	srgt matrix spike	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.04	µg/L	EPA 515.3	-88	-88			
2012/13-3	ME-CC	srgt matrix spike, rec	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	srgt matrix spike dup	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.13	µg/L	EPA 515.3	-88	-88			
2012/13-3	ME-CC	srgt matrix spike dup, rec	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	srgt environ	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.15	µg/L	EPA 515.3	-88	-88			
2012/13-3	ME-CC	srgt environ, rec	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	srgt matrix spike	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.18	µg/L	EPA 515.3	-88	-88			
2012/13-3	ME-SCR	srgt matrix spike, rec	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	srgt matrix spike dup	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.75	µg/L	EPA 515.3	-88	-88			
2012/13-3	ME-SCR	srgt matrix spike dup, rec	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	srgt environ	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.79	µg/L	EPA 515.3	-88	-88			
2012/13-3	ME-SCR	srgt environ, rec	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2012/13-3	MO-CAM	srgt environ	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.3	µg/L	EPA 515.3	-88	-88			
2012/13-3	MO-CAM	srgt environ, rec	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	113	%	EPA 515.3	-88	-88	70	130	
2012/13-3	MO-FIL	srgt environ	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.22	µg/L	EPA 515.3	-88	-88			
2012/13-3	MO-FIL	srgt environ, rec	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2012/13-3	MO-HUE	srgt environ	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.38	µg/L	EPA 515.3	-88	-88			
2012/13-3	MO-HUE	srgt environ, rec	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2012/13-3	MO-OXN	srgt environ	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.3	-88	-88			
2012/13-3	MO-OXN	srgt environ, rec	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	
2012/13-3	MO-SIM	srgt environ	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10	µg/L	EPA 515.3	-88	-88			
2012/13-3	MO-SIM	srgt environ, rec	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.3	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	MO-SPA	srgt environ	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.77	µg/L	EPA 515.3	-88	-88			
2012/13-3	MO-SPA	srgt environ, rec	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2012/13-3	MO-THO	srgt environ	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.51	µg/L	EPA 515.3	-88	-88			
2012/13-3	MO-THO	srgt environ, rec	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2012/13-3	MO-VEN	srgt environ	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.41	µg/L	EPA 515.3	-88	-88			
2012/13-3	MO-VEN	srgt environ, rec	2/26/2013	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.3	-88	-88	70	130	
2012/13-3	Lab	method blank	3/20/2013	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2012/13-3	Lab	LCS	3/20/2013	Organic	2,4-Dimethylphenol	n/a	=	5.8	µg/L	EPA 8270Cm	1	2			
2012/13-3	Lab	LCS, rec	3/20/2013	Organic	2,4-Dimethylphenol	n/a	=	58	%	EPA 8270Cm	-88	-88	21	99	
2012/13-3	Lab	method blank	3/20/2013	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2012/13-3	Lab	LCS	3/20/2013	Organic	2,4-Dinitrophenol	n/a	=	9.34	µg/L	EPA 8270Cm	1	2			
2012/13-3	Lab	LCS, rec	3/20/2013	Organic	2,4-Dinitrophenol	n/a	=	93	%	EPA 8270Cm	-88	-88	2	227	
2012/13-3	Lab	method blank	3/6/2013	Organic	2,4-Dinitrotoluene	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	2,4-Dinitrotoluene	n/a	=	29.8	µg/L	EPA 625	0.18	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	2,4-Dinitrotoluene	n/a	=	60	%	EPA 625	-88	-88	39	139	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	2,4-Dinitrotoluene	n/a	=	14.2	µg/L	EPA 625	0.18	1			GB
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	2,4-Dinitrotoluene	n/a	=	28	%	EPA 625	-88	-88	39	139	GB
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	2,4-Dinitrotoluene	n/a	=	14.2	µg/L	EPA 625	0.18	1			GB
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	2,4-Dinitrotoluene	n/a	=	28	%	EPA 625	-88	-88	39	139	GB
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	2,4-Dinitrotoluene	n/a	=	0.3	%	EPA 625	-88	-88	0	30	
2012/13-3	Lab	method blank	3/6/2013	Organic	2,6-Dinitrotoluene	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	2,6-Dinitrotoluene	n/a	=	34.3	µg/L	EPA 625	0.27	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	2,6-Dinitrotoluene	n/a	=	69	%	EPA 625	-88	-88	50	158	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	2,6-Dinitrotoluene	n/a	=	15.9	µg/L	EPA 625	0.27	1			GB
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	2,6-Dinitrotoluene	n/a	=	32	%	EPA 625	-88	-88	50	158	GB
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	2,6-Dinitrotoluene	n/a	=	15.8	µg/L	EPA 625	0.27	1			GB
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	2,6-Dinitrotoluene	n/a	=	32	%	EPA 625	-88	-88	50	158	GB
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	2,6-Dinitrotoluene	n/a	=	0.7	%	EPA 625	-88	-88	0	30	
2012/13-3	Lab	LCS dup	2/27/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	4.85	µg/L	EPA 524.2	0.61	1			
2012/13-3	Lab	LCS dup, rec	2/27/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	81	%	EPA 524.2	-88	-88	70	130	
2012/13-3	Lab	LCS, RPD	2/27/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	4	%	EPA 524.2	-88	-88	0	30	
2012/13-3	Lab	LCS	2/27/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	5.06	µg/L	EPA 524.2	0.61	1			
2012/13-3	Lab	LCS, rec	2/27/2013	Organic	2-Chloroethyl vinyl ether	n/a	=	84	%	EPA 524.2	-88	-88	70	130	
2012/13-3	Lab	method blank	2/27/2013	Organic	2-Chloroethyl vinyl ether	n/a	<	0.61	µg/L	EPA 524.2	0.61	1			
2012/13-3	MO-VEN	field blank	2/28/2013	Organic	2-Chloroethyl vinyl ether	n/a	<	0.61	µg/L	EPA 524.2	0.61	1			
2012/13-3	Lab	method blank	3/6/2013	Organic	2-Chloronaphthalene	n/a	<	0.45	µg/L	EPA 625	0.45	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	2-Chloronaphthalene	n/a	=	35.8	µg/L	EPA 625	0.45	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	2-Chloronaphthalene	n/a	=	72	%	EPA 625	-88	-88	60	118	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	2-Chloronaphthalene	n/a	=	14.1	µg/L	EPA 625	0.45	1			GB
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	2-Chloronaphthalene	n/a	=	28	%	EPA 625	-88	-88	60	118	GB
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	2-Chloronaphthalene	n/a	=	13	µg/L	EPA 625	0.45	1			GB
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	2-Chloronaphthalene	n/a	=	26	%	EPA 625	-88	-88	60	118	GB
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	2-Chloronaphthalene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-3	000NONPJ	matrix spike	3/20/2013	Organic	2-Chlorophenol	n/a	=	5.34	µg/L	EPA 8270Cm	0.65	1			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/20/2013	Organic	2-Chlorophenol	n/a	=	53	%	EPA 8270Cm	-88	-88	47	102	QAX
2012/13-3	000NONPJ	matrix spike dup	3/20/2013	Organic	2-Chlorophenol	n/a	=	5.48	µg/L	EPA 8270Cm	0.65	1			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/20/2013	Organic	2-Chlorophenol	n/a	=	55	%	EPA 8270Cm	-88	-88	47	102	QAX

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	000NONPJ	matrix spike, RPD	3/20/2013	Organic	2-Chlorophenol	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/20/2013	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1			
2012/13-3	Lab	LCS	3/20/2013	Organic	2-Chlorophenol	n/a	=	5.1	µg/L	EPA 8270Cm	0.65	1			
2012/13-3	Lab	LCS, rec	3/20/2013	Organic	2-Chlorophenol	n/a	=	51	%	EPA 8270Cm	-88	-88	46	92	
2012/13-3	000NONPJ	srgt matrix spike	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	3.13	µg/L	EPA 8270Cm	-88	-88			QAX
2012/13-3	000NONPJ	srgt matrix spike, rec	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 8270Cm	-88	-88	51	139	QAX
2012/13-3	000NONPJ	srgt matrix spike dup	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	3.25	µg/L	EPA 8270Cm	-88	-88			QAX
2012/13-3	000NONPJ	srgt matrix spike dup, rec	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	65	%	EPA 8270Cm	-88	-88	51	139	QAX
2012/13-3	Lab	srgt method blank	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	27	µg/L	EPA 625	-88	-88			
2012/13-3	Lab	srgt method blank, rec	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	54	%	EPA 625	-88	-88	22	130	
2012/13-3	Lab	srgt LCS	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	35	µg/L	EPA 625	-88	-88			
2012/13-3	Lab	srgt LCS, rec	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 625	-88	-88	22	130	
2012/13-3	Lab	srgt method blank	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	2.23	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-3	Lab	srgt method blank, rec	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	45	%	EPA 8270Cm	-88	-88	51	139	GN
2012/13-3	Lab	srgt LCS	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	3.06	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	Lab	srgt LCS, rec	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	61	%	EPA 8270Cm	-88	-88	51	139	
2012/13-3	ME-CC	srgt matrix spike	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	12	µg/L	EPA 625	-88	-88			
2012/13-3	ME-CC	srgt matrix spike, rec	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	24	%	EPA 625	-88	-88	22	130	
2012/13-3	ME-CC	srgt matrix spike dup	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	12.5	µg/L	EPA 625	-88	-88			
2012/13-3	ME-CC	srgt matrix spike dup, rec	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	25	%	EPA 625	-88	-88	22	130	
2012/13-3	ME-CC	srgt environ	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	21	µg/L	EPA 625	-88	-88			
2012/13-3	ME-CC	srgt environ, rec	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	42	%	EPA 625	-88	-88	22	130	
2012/13-3	ME-CC	srgt environ	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	2.83	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	ME-CC	srgt environ, rec	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	57	%	EPA 8270Cm	-88	-88	51	139	
2012/13-3	ME-SCR	srgt environ	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	33.2	µg/L	EPA 625	-88	-88			
2012/13-3	ME-SCR	srgt environ, rec	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 625	-88	-88	22	130	
2012/13-3	ME-SCR	srgt environ	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	1.93	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-3	ME-SCR	srgt environ, rec	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	39	%	EPA 8270Cm	-88	-88	51	139	GN
2012/13-3	MO-CAM	srgt environ	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	20.9	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-CAM	srgt environ, rec	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	42	%	EPA 625	-88	-88	22	130	D
2012/13-3	MO-CAM	srgt environ	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	3.01	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-CAM	srgt environ, rec	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 8270Cm	-88	-88	51	139	D
2012/13-3	MO-FIL	srgt environ	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	26.2	µg/L	EPA 625	-88	-88			
2012/13-3	MO-FIL	srgt environ, rec	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	52	%	EPA 625	-88	-88	22	130	
2012/13-3	MO-FIL	srgt environ	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	3.31	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	MO-FIL	srgt environ, rec	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 8270Cm	-88	-88	51	139	
2012/13-3	MO-HUE	srgt environ	3/7/2013	Organic	2-Fluorobiphenyl	n/a	=	26.1	µg/L	EPA 625	-88	-88			
2012/13-3	MO-HUE	srgt environ, rec	3/7/2013	Organic	2-Fluorobiphenyl	n/a	=	52	%	EPA 625	-88	-88	22	130	
2012/13-3	MO-HUE	srgt environ	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	3.68	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	MO-HUE	srgt environ, rec	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 8270Cm	-88	-88	51	139	
2012/13-3	MO-OXN	srgt environ	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	21	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-OXN	srgt environ, rec	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	42	%	EPA 625	-88	-88	22	130	D
2012/13-3	MO-OXN	srgt environ	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	2.36	µg/L	EPA 8270Cm	-88	-88			D,GN
2012/13-3	MO-OXN	srgt environ, rec	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	45	%	EPA 8270Cm	-88	-88	51	139	D,GN
2012/13-3	MO-SIM	srgt environ	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	22.5	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-SIM	srgt environ, rec	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	45	%	EPA 625	-88	-88	22	130	D
2012/13-3	MO-SIM	srgt environ	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	3.46	µg/L	EPA 8270Cm	-88	-88			D

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	MO-SIM	srgt environ, rec	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270Cm	-88	-88	51	139	D
2012/13-3	MO-SPA	srgt environ	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	26.2	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-SPA	srgt environ, rec	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	52	%	EPA 625	-88	-88	22	130	D
2012/13-3	MO-SPA	srgt environ	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	6.19	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-SPA	srgt environ, rec	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 8270Cm	-88	-88	51	139	D
2012/13-3	MO-THO	srgt environ	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	24.3	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-THO	srgt environ, rec	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	49	%	EPA 625	-88	-88	22	130	D
2012/13-3	MO-THO	srgt environ	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	3.31	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-THO	srgt environ, rec	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 8270Cm	-88	-88	51	139	D
2012/13-3	MO-VEN	srgt environ	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	23	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-VEN	srgt environ, rec	3/6/2013	Organic	2-Fluorobiphenyl	n/a	=	46	%	EPA 625	-88	-88	22	130	D
2012/13-3	MO-VEN	srgt environ	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	3.7	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-VEN	srgt environ, rec	3/21/2013	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 8270Cm	-88	-88	51	139	D
2012/13-3	000NONPJ	srgt matrix spike	3/20/2013	Organic	2-Fluorophenol	n/a	=	3.59	µg/L	EPA 8270Cm	-88	-88			QAX
2012/13-3	000NONPJ	srgt matrix spike, rec	3/20/2013	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270Cm	-88	-88	24	82	QAX
2012/13-3	000NONPJ	srgt matrix spike dup	3/20/2013	Organic	2-Fluorophenol	n/a	=	3.59	µg/L	EPA 8270Cm	-88	-88			QAX
2012/13-3	000NONPJ	srgt matrix spike dup, rec	3/20/2013	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270Cm	-88	-88	24	82	QAX
2012/13-3	Lab	srgt method blank	3/6/2013	Organic	2-Fluorophenol	n/a	=	44.1	µg/L	EPA 625	-88	-88			
2012/13-3	Lab	srgt method blank, rec	3/6/2013	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	6	96	
2012/13-3	Lab	srgt LCS	3/6/2013	Organic	2-Fluorophenol	n/a	=	38.4	µg/L	EPA 625	-88	-88			
2012/13-3	Lab	srgt LCS, rec	3/6/2013	Organic	2-Fluorophenol	n/a	=	38	%	EPA 625	-88	-88	6	96	
2012/13-3	Lab	srgt method blank	3/20/2013	Organic	2-Fluorophenol	n/a	=	2.25	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-3	Lab	srgt method blank, rec	3/20/2013	Organic	2-Fluorophenol	n/a	=	22	%	EPA 8270Cm	-88	-88	24	82	GN
2012/13-3	Lab	srgt LCS	3/20/2013	Organic	2-Fluorophenol	n/a	=	3.15	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	Lab	srgt LCS, rec	3/20/2013	Organic	2-Fluorophenol	n/a	=	32	%	EPA 8270Cm	-88	-88	24	82	
2012/13-3	ME-CC	srgt matrix spike	3/6/2013	Organic	2-Fluorophenol	n/a	=	19.2	µg/L	EPA 625	-88	-88			
2012/13-3	ME-CC	srgt matrix spike, rec	3/6/2013	Organic	2-Fluorophenol	n/a	=	19	%	EPA 625	-88	-88	6	96	
2012/13-3	ME-CC	srgt matrix spike dup	3/6/2013	Organic	2-Fluorophenol	n/a	=	21.6	µg/L	EPA 625	-88	-88			
2012/13-3	ME-CC	srgt matrix spike dup, rec	3/6/2013	Organic	2-Fluorophenol	n/a	=	22	%	EPA 625	-88	-88	6	96	
2012/13-3	ME-CC	srgt environ	3/6/2013	Organic	2-Fluorophenol	n/a	=	27	µg/L	EPA 625	-88	-88			
2012/13-3	ME-CC	srgt environ, rec	3/6/2013	Organic	2-Fluorophenol	n/a	=	27	%	EPA 625	-88	-88	6	96	
2012/13-3	ME-CC	srgt environ	3/20/2013	Organic	2-Fluorophenol	n/a	=	2.78	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	ME-CC	srgt environ, rec	3/20/2013	Organic	2-Fluorophenol	n/a	=	28	%	EPA 8270Cm	-88	-88	24	82	
2012/13-3	ME-SCR	srgt environ	3/6/2013	Organic	2-Fluorophenol	n/a	=	45.1	µg/L	EPA 625	-88	-88			
2012/13-3	ME-SCR	srgt environ, rec	3/6/2013	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625	-88	-88	6	96	
2012/13-3	ME-SCR	srgt environ	3/20/2013	Organic	2-Fluorophenol	n/a	=	1.69	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-3	ME-SCR	srgt environ, rec	3/20/2013	Organic	2-Fluorophenol	n/a	=	17	%	EPA 8270Cm	-88	-88	24	82	GN
2012/13-3	MO-CAM	srgt environ	3/6/2013	Organic	2-Fluorophenol	n/a	=	21.5	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-CAM	srgt environ, rec	3/6/2013	Organic	2-Fluorophenol	n/a	=	22	%	EPA 625	-88	-88	6	96	D
2012/13-3	MO-CAM	srgt environ	3/20/2013	Organic	2-Fluorophenol	n/a	=	3.4	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-CAM	srgt environ, rec	3/20/2013	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270Cm	-88	-88	24	82	D
2012/13-3	MO-FIL	srgt environ	3/6/2013	Organic	2-Fluorophenol	n/a	=	35.5	µg/L	EPA 625	-88	-88			
2012/13-3	MO-FIL	srgt environ, rec	3/6/2013	Organic	2-Fluorophenol	n/a	=	35	%	EPA 625	-88	-88	6	96	
2012/13-3	MO-FIL	srgt environ	3/20/2013	Organic	2-Fluorophenol	n/a	=	3.35	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	MO-FIL	srgt environ, rec	3/20/2013	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270Cm	-88	-88	24	82	
2012/13-3	MO-HUE	srgt environ	3/7/2013	Organic	2-Fluorophenol	n/a	=	33.1	µg/L	EPA 625	-88	-88			
2012/13-3	MO-HUE	srgt environ, rec	3/7/2013	Organic	2-Fluorophenol	n/a	=	33	%	EPA 625	-88	-88	6	96	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	MO-HUE	srgt environ	3/21/2013	Organic	2-Fluorophenol	n/a	=	3.45	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	MO-HUE	srgt environ, rec	3/21/2013	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270Cm	-88	-88	24	82	
2012/13-3	MO-OXN	srgt environ	3/6/2013	Organic	2-Fluorophenol	n/a	=	20.3	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-OXN	srgt environ, rec	3/6/2013	Organic	2-Fluorophenol	n/a	=	20	%	EPA 625	-88	-88	6	96	D
2012/13-3	MO-OXN	srgt environ	3/21/2013	Organic	2-Fluorophenol	n/a	=	2.8	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-OXN	srgt environ, rec	3/21/2013	Organic	2-Fluorophenol	n/a	=	27	%	EPA 8270Cm	-88	-88	24	82	D
2012/13-3	MO-SIM	srgt environ	3/6/2013	Organic	2-Fluorophenol	n/a	=	13.6	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-SIM	srgt environ, rec	3/6/2013	Organic	2-Fluorophenol	n/a	=	14	%	EPA 625	-88	-88	6	96	D
2012/13-3	MO-SIM	srgt environ	3/21/2013	Organic	2-Fluorophenol	n/a	=	3.4	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-SIM	srgt environ, rec	3/21/2013	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270Cm	-88	-88	24	82	D
2012/13-3	MO-SPA	srgt environ	3/6/2013	Organic	2-Fluorophenol	n/a	=	29.6	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-SPA	srgt environ, rec	3/6/2013	Organic	2-Fluorophenol	n/a	=	30	%	EPA 625	-88	-88	6	96	D
2012/13-3	MO-SPA	srgt environ	3/20/2013	Organic	2-Fluorophenol	n/a	=	10	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-SPA	srgt environ, rec	3/20/2013	Organic	2-Fluorophenol	n/a	=	50	%	EPA 8270Cm	-88	-88	24	82	D
2012/13-3	MO-THO	srgt environ	3/6/2013	Organic	2-Fluorophenol	n/a	=	28.3	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-THO	srgt environ, rec	3/6/2013	Organic	2-Fluorophenol	n/a	=	28	%	EPA 625	-88	-88	6	96	D
2012/13-3	MO-THO	srgt environ	3/21/2013	Organic	2-Fluorophenol	n/a	=	3.7	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-THO	srgt environ, rec	3/21/2013	Organic	2-Fluorophenol	n/a	=	37	%	EPA 8270Cm	-88	-88	24	82	D
2012/13-3	MO-VEN	srgt environ	3/6/2013	Organic	2-Fluorophenol	n/a	=	22.6	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-VEN	srgt environ, rec	3/6/2013	Organic	2-Fluorophenol	n/a	=	23	%	EPA 625	-88	-88	6	96	D
2012/13-3	MO-VEN	srgt environ	3/20/2013	Organic	2-Fluorophenol	n/a	=	4.4	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-VEN	srgt environ, rec	3/20/2013	Organic	2-Fluorophenol	n/a	=	44	%	EPA 8270Cm	-88	-88	24	82	D
2012/13-3	Lab	method blank	3/21/2013	Organic	2-Methylnaphthalene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	method blank	3/20/2013	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1			
2012/13-3	Lab	method blank	3/20/2013	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1			
2012/13-3	Lab	LCS	3/20/2013	Organic	2-Nitrophenol	n/a	=	5.61	µg/L	EPA 8270Cm	0.71	1			
2012/13-3	Lab	LCS, rec	3/20/2013	Organic	2-Nitrophenol	n/a	=	56	%	EPA 8270Cm	-88	-88	48	197	
2012/13-3	Lab	method blank	3/6/2013	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			
2012/13-3	Lab	LCS	3/6/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	63.5	µg/L	EPA 625	1.2	5			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	127	%	EPA 625	-88	-88			
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			GB
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0.1	262	GB
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	3,3'-Dichlorobenzidine	n/a	<	1.2	µg/L	EPA 625	1.2	5			GB
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0.1	262	GB
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0	30	
2012/13-3	Lab	method blank	3/20/2013	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			
2012/13-3	Lab	method blank	3/20/2013	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1			
2012/13-3	Lab	LCS	3/20/2013	Organic	4,6-Dinitro-2-methylphenol	n/a	=	7.54	µg/L	EPA 8270Cm	0.14	1			
2012/13-3	Lab	LCS, rec	3/20/2013	Organic	4,6-Dinitro-2-methylphenol	n/a	=	75	%	EPA 8270Cm	-88	-88	56	227	
2012/13-3	Lab	srgt LCS dup	2/27/2013	Organic	4-Bromofluorobenzene	n/a	=	9.56	µg/L	EPA 524.2	-88	-88			
2012/13-3	Lab	srgt LCS dup, rec	2/27/2013	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 524.2	-88	-88	70	130	
2012/13-3	Lab	srgt LCS	2/27/2013	Organic	4-Bromofluorobenzene	n/a	=	9.26	µg/L	EPA 524.2	-88	-88			
2012/13-3	Lab	srgt LCS, rec	2/27/2013	Organic	4-Bromofluorobenzene	n/a	=	93	%	EPA 524.2	-88	-88	70	130	
2012/13-3	Lab	srgt method blank	2/27/2013	Organic	4-Bromofluorobenzene	n/a	=	8.48	µg/L	EPA 524.2	-88	-88			
2012/13-3	Lab	srgt method blank, rec	2/27/2013	Organic	4-Bromofluorobenzene	n/a	=	85	%	EPA 524.2	-88	-88	70	130	
2012/13-3	ME-CC	srgt environ	2/27/2013	Organic	4-Bromofluorobenzene	n/a	=	8.56	µg/L	EPA 524.2	-88	-88			
2012/13-3	ME-CC	srgt environ, rec	2/27/2013	Organic	4-Bromofluorobenzene	n/a	=	86	%	EPA 524.2	-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	
2012/13-3	ME-SCR	srgt environ	2/27/2013	Organic	4-Bromofluorobenzene	n/a	=	8.56	µg/L	EPA 524.2	-88	-88			
2012/13-3	ME-SCR	srgt environ, rec	2/27/2013	Organic	4-Bromofluorobenzene	n/a	=	86	%	EPA 524.2	-88	-88	70	130	
2012/13-3	MO-CAM	srgt environ	2/28/2013	Organic	4-Bromofluorobenzene	n/a	=	9.69	µg/L	EPA 524.2	-88	-88			
2012/13-3	MO-CAM	srgt environ, rec	2/28/2013	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 524.2	-88	-88	70	130	
2012/13-3	MO-FIL	srgt environ	2/28/2013	Organic	4-Bromofluorobenzene	n/a	=	8.49	µg/L	EPA 524.2	-88	-88			
2012/13-3	MO-FIL	srgt environ, rec	2/28/2013	Organic	4-Bromofluorobenzene	n/a	=	85	%	EPA 524.2	-88	-88	70	130	
2012/13-3	MO-HUE	srgt environ	2/28/2013	Organic	4-Bromofluorobenzene	n/a	=	9.98	µg/L	EPA 524.2	-88	-88			
2012/13-3	MO-HUE	srgt environ, rec	2/28/2013	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 524.2	-88	-88	70	130	
2012/13-3	MO-OXN	srgt environ	2/28/2013	Organic	4-Bromofluorobenzene	n/a	=	8.5	µg/L	EPA 524.2	-88	-88			
2012/13-3	MO-OXN	srgt environ, rec	2/28/2013	Organic	4-Bromofluorobenzene	n/a	=	85	%	EPA 524.2	-88	-88	70	130	
2012/13-3	MO-SIM	srgt environ	2/28/2013	Organic	4-Bromofluorobenzene	n/a	=	9.71	µg/L	EPA 524.2	-88	-88			
2012/13-3	MO-SIM	srgt environ, rec	2/28/2013	Organic	4-Bromofluorobenzene	n/a	=	97	%	EPA 524.2	-88	-88	70	130	
2012/13-3	MO-SPA	srgt environ	2/28/2013	Organic	4-Bromofluorobenzene	n/a	=	10	µg/L	EPA 524.2	-88	-88			
2012/13-3	MO-SPA	srgt environ, rec	2/28/2013	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 524.2	-88	-88	70	130	
2012/13-3	MO-THO	srgt environ	2/28/2013	Organic	4-Bromofluorobenzene	n/a	=	9.51	µg/L	EPA 524.2	-88	-88			
2012/13-3	MO-THO	srgt environ, rec	2/28/2013	Organic	4-Bromofluorobenzene	n/a	=	95	%	EPA 524.2	-88	-88	70	130	
2012/13-3	MO-VEN	srgt field blank	2/28/2013	Organic	4-Bromofluorobenzene	n/a	=	8.8	µg/L	EPA 524.2	-88	-88			
2012/13-3	MO-VEN	srgt field blank, rec	2/28/2013	Organic	4-Bromofluorobenzene	n/a	=	88	%	EPA 524.2	-88	-88			
2012/13-3	MO-VEN	srgt environ	2/28/2013	Organic	4-Bromofluorobenzene	n/a	=	9.87	µg/L	EPA 524.2	-88	-88			
2012/13-3	MO-VEN	srgt environ, rec	2/28/2013	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 524.2	-88	-88	70	130	
2012/13-3	Lab	method blank	3/6/2013	Organic	4-Bromophenyl phenyl ether	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	28	µg/L	EPA 625	0.36	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	56	%	EPA 625	-88	-88	56	127	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	12.2	µg/L	EPA 625	0.36	1			GB
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	24	%	EPA 625	-88	-88	56	127	GB
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	12.1	µg/L	EPA 625	0.36	1			GB
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	24	%	EPA 625	-88	-88	56	127	GB
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	4-Bromophenyl phenyl ether	n/a	=	1	%	EPA 625	-88	-88	0	30	
2012/13-3	000NONPJ	matrix spike	3/20/2013	Organic	4-Chloro-3-methylphenol	n/a	=	6.16	µg/L	EPA 8270Cm	0.37	1			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/20/2013	Organic	4-Chloro-3-methylphenol	n/a	=	62	%	EPA 8270Cm	-88	-88	39	121	QAX
2012/13-3	000NONPJ	matrix spike dup	3/20/2013	Organic	4-Chloro-3-methylphenol	n/a	=	6.53	µg/L	EPA 8270Cm	0.37	1			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/20/2013	Organic	4-Chloro-3-methylphenol	n/a	=	65	%	EPA 8270Cm	-88	-88	39	121	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/20/2013	Organic	4-Chloro-3-methylphenol	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/20/2013	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1			
2012/13-3	Lab	LCS	3/20/2013	Organic	4-Chloro-3-methylphenol	n/a	=	6.1	µg/L	EPA 8270Cm	0.37	1			
2012/13-3	Lab	LCS, rec	3/20/2013	Organic	4-Chloro-3-methylphenol	n/a	=	61	%	EPA 8270Cm	-88	-88	51	112	
2012/13-3	Lab	method blank	3/6/2013	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.41	µg/L	EPA 625	0.41	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	33.9	µg/L	EPA 625	0.41	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	68	%	EPA 625	-88	-88	25	158	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	13.2	µg/L	EPA 625	0.41	1			
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	26	%	EPA 625	-88	-88	25	158	
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	12.9	µg/L	EPA 625	0.41	1			
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	26	%	EPA 625	-88	-88	25	158	
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	4-Chlorophenyl phenyl ether	n/a	=	2	%	EPA 625	-88	-88	0	30	
2012/13-3	000NONPJ	matrix spike	3/20/2013	Organic	4-Nitrophenol	n/a	=	2.7	µg/L	EPA 8270Cm	1	2			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/20/2013	Organic	4-Nitrophenol	n/a	=	27	%	EPA 8270Cm	-88	-88	1	65	QAX
2012/13-3	000NONPJ	matrix spike dup	3/20/2013	Organic	4-Nitrophenol	n/a	=	3.07	µg/L	EPA 8270Cm	1	2			QAX

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	000NONPJ	matrix spike dup, rec	3/20/2013	Organic	4-Nitrophenol	n/a	=	31	%	EPA 8270Cm	-88	-88	1	65	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/20/2013	Organic	4-Nitrophenol	n/a	=	13	%	EPA 8270Cm	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/20/2013	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			
2012/13-3	Lab	LCS	3/20/2013	Organic	4-Nitrophenol	n/a	=	2.61	µg/L	EPA 8270Cm	1	2			
2012/13-3	Lab	LCS, rec	3/20/2013	Organic	4-Nitrophenol	n/a	=	26	%	EPA 8270Cm	-88	-88	15	73	
2012/13-3	000NONPJ	matrix spike	3/21/2013	Organic	Acenaphthene	n/a	=	6.66	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/21/2013	Organic	Acenaphthene	n/a	=	67	%	EPA 8270Cm	-88	-88	47	145	QAX
2012/13-3	000NONPJ	matrix spike dup	3/21/2013	Organic	Acenaphthene	n/a	=	6.98	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/21/2013	Organic	Acenaphthene	n/a	=	70	%	EPA 8270Cm	-88	-88	47	145	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/21/2013	Organic	Acenaphthene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/21/2013	Organic	Acenaphthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS	3/21/2013	Organic	Acenaphthene	n/a	=	6.64	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS, rec	3/21/2013	Organic	Acenaphthene	n/a	=	66	%	EPA 8270Cm	-88	-88	47	145	
2012/13-3	000NONPJ	matrix spike	3/21/2013	Organic	Acenaphthylene	n/a	=	5.75	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/21/2013	Organic	Acenaphthylene	n/a	=	58	%	EPA 8270Cm	-88	-88	33	145	QAX
2012/13-3	000NONPJ	matrix spike dup	3/21/2013	Organic	Acenaphthylene	n/a	=	5.92	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/21/2013	Organic	Acenaphthylene	n/a	=	59	%	EPA 8270Cm	-88	-88	33	145	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/21/2013	Organic	Acenaphthylene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/21/2013	Organic	Acenaphthylene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS	3/21/2013	Organic	Acenaphthylene	n/a	=	6.16	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS, rec	3/21/2013	Organic	Acenaphthylene	n/a	=	62	%	EPA 8270Cm	-88	-88	33	145	
2012/13-3	000NONPJ	matrix spike	3/21/2013	Organic	Anthracene	n/a	=	7	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/21/2013	Organic	Anthracene	n/a	=	70	%	EPA 8270Cm	-88	-88	27	133	QAX
2012/13-3	000NONPJ	matrix spike dup	3/21/2013	Organic	Anthracene	n/a	=	7.32	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/21/2013	Organic	Anthracene	n/a	=	73	%	EPA 8270Cm	-88	-88	27	133	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/21/2013	Organic	Anthracene	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/21/2013	Organic	Anthracene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS	3/21/2013	Organic	Anthracene	n/a	=	7.29	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS, rec	3/21/2013	Organic	Anthracene	n/a	=	73	%	EPA 8270Cm	-88	-88	27	133	
2012/13-3	000NONPJ	matrix spike	3/21/2013	Organic	Benz(a)anthracene	n/a	=	6.45	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/21/2013	Organic	Benz(a)anthracene	n/a	=	64	%	EPA 8270Cm	-88	-88	33	143	QAX
2012/13-3	000NONPJ	matrix spike dup	3/21/2013	Organic	Benz(a)anthracene	n/a	=	6.94	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/21/2013	Organic	Benz(a)anthracene	n/a	=	69	%	EPA 8270Cm	-88	-88	33	143	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/21/2013	Organic	Benz(a)anthracene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/21/2013	Organic	Benz(a)anthracene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS	3/21/2013	Organic	Benz(a)anthracene	n/a	=	7.21	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS, rec	3/21/2013	Organic	Benz(a)anthracene	n/a	=	72	%	EPA 8270Cm	-88	-88	33	143	
2012/13-3	Lab	method blank	3/6/2013	Organic	Benzidine	n/a	<	3.7	µg/L	EPA 625	3.7	10			
2012/13-3	Lab	method blank	3/14/2013	Organic	Benzo(a)pyrene	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			
2012/13-3	Lab	LCS	3/14/2013	Organic	Benzo(a)pyrene	n/a	=	4.18	µg/L	EPA 525.2	0.07	0.1			
2012/13-3	Lab	LCS, rec	3/14/2013	Organic	Benzo(a)pyrene	n/a	=	84	%	EPA 525.2	-88	-88	54	136	
2012/13-3	MO-HUE	matrix spike	3/14/2013	Organic	Benzo(a)pyrene	n/a	=	1	µg/L	EPA 525.2	0.07	0.1			GB
2012/13-3	MO-HUE	matrix spike, rec	3/14/2013	Organic	Benzo(a)pyrene	n/a	=	20	%	EPA 525.2	-88	-88	29	153	GB
2012/13-3	MO-HUE	matrix spike dup	3/14/2013	Organic	Benzo(a)pyrene	n/a	=	1.26	µg/L	EPA 525.2	0.07	0.1			GB
2012/13-3	MO-HUE	matrix spike dup, rec	3/14/2013	Organic	Benzo(a)pyrene	n/a	=	25	%	EPA 525.2	-88	-88	29	153	GB
2012/13-3	MO-HUE	matrix spike, RPD	3/14/2013	Organic	Benzo(a)pyrene	n/a	=	23	%	EPA 525.2	-88	-88	0	30	
2012/13-3	000NONPJ	matrix spike	3/21/2013	Organic	Benzo(b)fluoranthene	n/a	=	5.82	µg/L	EPA 8270Cm	0.1	0.1			QAX

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	000NONPJ	matrix spike, rec	3/21/2013	Organic	Benzo(b)fluoranthene	n/a	=	58	%	EPA 8270Cm	-88	-88	24	159	QAX
2012/13-3	000NONPJ	matrix spike dup	3/21/2013	Organic	Benzo(b)fluoranthene	n/a	=	6.07	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/21/2013	Organic	Benzo(b)fluoranthene	n/a	=	61	%	EPA 8270Cm	-88	-88	24	159	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/21/2013	Organic	Benzo(b)fluoranthene	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/21/2013	Organic	Benzo(b)fluoranthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS	3/21/2013	Organic	Benzo(b)fluoranthene	n/a	=	5.89	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS, rec	3/21/2013	Organic	Benzo(b)fluoranthene	n/a	=	59	%	EPA 8270Cm	-88	-88	24	159	
2012/13-3	000NONPJ	matrix spike	3/21/2013	Organic	Benzo(g,h,i)perylene	n/a	=	6.42	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/21/2013	Organic	Benzo(g,h,i)perylene	n/a	=	64	%	EPA 8270Cm	-88	-88	0.1	219	QAX
2012/13-3	000NONPJ	matrix spike dup	3/21/2013	Organic	Benzo(g,h,i)perylene	n/a	=	6.58	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/21/2013	Organic	Benzo(g,h,i)perylene	n/a	=	66	%	EPA 8270Cm	-88	-88	0.1	219	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/21/2013	Organic	Benzo(g,h,i)perylene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/21/2013	Organic	Benzo(g,h,i)perylene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS	3/21/2013	Organic	Benzo(g,h,i)perylene	n/a	=	6.34	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS, rec	3/21/2013	Organic	Benzo(g,h,i)perylene	n/a	=	63	%	EPA 8270Cm	-88	-88	0.1	219	
2012/13-3	000NONPJ	matrix spike	3/21/2013	Organic	Benzo(k)fluoranthene	n/a	=	5.87	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/21/2013	Organic	Benzo(k)fluoranthene	n/a	=	59	%	EPA 8270Cm	-88	-88	11	162	QAX
2012/13-3	000NONPJ	matrix spike dup	3/21/2013	Organic	Benzo(k)fluoranthene	n/a	=	6.1	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/21/2013	Organic	Benzo(k)fluoranthene	n/a	=	61	%	EPA 8270Cm	-88	-88	11	162	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/21/2013	Organic	Benzo(k)fluoranthene	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/21/2013	Organic	Benzo(k)fluoranthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS	3/21/2013	Organic	Benzo(k)fluoranthene	n/a	=	5.89	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS, rec	3/21/2013	Organic	Benzo(k)fluoranthene	n/a	=	59	%	EPA 8270Cm	-88	-88	11	162	
2012/13-3	Lab	method blank	3/6/2013	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.25	µg/L	EPA 625	0.25	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	34	µg/L	EPA 625	0.25	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	68	%	EPA 625	-88	-88	33	184	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	13	µg/L	EPA 625	0.25	1			GB
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	26	%	EPA 625	-88	-88	33	184	GB
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	14.8	µg/L	EPA 625	0.25	1			GB
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	30	%	EPA 625	-88	-88	33	184	GB
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	Bis(2-chloroethoxy)methane	n/a	=	13	%	EPA 625	-88	-88	0	30	
2012/13-3	Lab	method blank	3/6/2013	Organic	Bis(2-chloroethyl)ether	n/a	<	0.27	µg/L	EPA 625	0.27	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	30.4	µg/L	EPA 625	0.27	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	61	%	EPA 625	-88	-88	12	158	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	11.4	µg/L	EPA 625	0.27	1			
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	23	%	EPA 625	-88	-88	12	158	
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	13.8	µg/L	EPA 625	0.27	1			
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	28	%	EPA 625	-88	-88	12	158	
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	Bis(2-chloroethyl)ether	n/a	=	19	%	EPA 625	-88	-88	0	30	
2012/13-3	Lab	method blank	3/6/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.38	µg/L	EPA 625	0.38	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	30.5	µg/L	EPA 625	0.38	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	61	%	EPA 625	-88	-88	36	166	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	12.2	µg/L	EPA 625	0.38	1			GB
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	24	%	EPA 625	-88	-88	36	166	GB
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	14.8	µg/L	EPA 625	0.38	1			GB
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	30	%	EPA 625	-88	-88	36	166	GB
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	Bis(2-chloroisopropyl)ether	n/a	=	20	%	EPA 625	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	Lab	method blank	3/14/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.1	µg/L	EPA 525.2	0.1	5			
2012/13-3	Lab	LCS	3/14/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.64	µg/L	EPA 525.2	0.1	5			
2012/13-3	Lab	LCS, rec	3/14/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	113	%	EPA 525.2	-88	-88	50	145	
2012/13-3	MO-HUE	matrix spike	3/14/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.77	µg/L	EPA 525.2	0.1	5			
2012/13-3	MO-HUE	matrix spike, rec	3/14/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	115	%	EPA 525.2	-88	-88	28	147	
2012/13-3	MO-HUE	matrix spike dup	3/14/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.57	µg/L	EPA 525.2	0.1	5			
2012/13-3	MO-HUE	matrix spike dup, rec	3/14/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	111	%	EPA 525.2	-88	-88	28	147	
2012/13-3	MO-HUE	matrix spike, RPD	3/14/2013	Organic	Bis(2-ethylhexyl)adipate	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2012/13-3	Lab	method blank	3/14/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			
2012/13-3	Lab	LCS	3/14/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.56	µg/L	EPA 525.2	1.1	3			
2012/13-3	Lab	LCS, rec	3/14/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	111	%	EPA 525.2	-88	-88	54	142	
2012/13-3	MO-HUE	matrix spike	3/14/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	6.03	µg/L	EPA 525.2	1.1	3			
2012/13-3	MO-HUE	matrix spike, rec	3/14/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	121	%	EPA 525.2	-88	-88	23	154	
2012/13-3	MO-HUE	matrix spike dup	3/14/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.56	µg/L	EPA 525.2	1.1	3			
2012/13-3	MO-HUE	matrix spike dup, rec	3/14/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	111	%	EPA 525.2	-88	-88	23	154	
2012/13-3	MO-HUE	matrix spike, RPD	3/14/2013	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	8	%	EPA 525.2	-88	-88	0	30	
2012/13-3	Lab	method blank	3/6/2013	Organic	Butyl benzyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	Butyl benzyl phthalate	n/a	=	42	µg/L	EPA 625	0.18	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	Butyl benzyl phthalate	n/a	=	84	%	EPA 625	-88	-88	0.1	152	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	Butyl benzyl phthalate	n/a	=	19	µg/L	EPA 625	0.18	1			
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	Butyl benzyl phthalate	n/a	=	38	%	EPA 625	-88	-88	0.1	152	
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	Butyl benzyl phthalate	n/a	=	20.9	µg/L	EPA 625	0.18	1			
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	Butyl benzyl phthalate	n/a	=	42	%	EPA 625	-88	-88	0.1	152	
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	Butyl benzyl phthalate	n/a	=	10	%	EPA 625	-88	-88	0	30	
2012/13-3	000NONPJ	matrix spike	3/21/2013	Organic	Chrysene	n/a	=	7.05	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/21/2013	Organic	Chrysene	n/a	=	70	%	EPA 8270Cm	-88	-88	17	168	QAX
2012/13-3	000NONPJ	matrix spike dup	3/21/2013	Organic	Chrysene	n/a	=	7.33	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/21/2013	Organic	Chrysene	n/a	=	73	%	EPA 8270Cm	-88	-88	17	168	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/21/2013	Organic	Chrysene	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/21/2013	Organic	Chrysene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS	3/21/2013	Organic	Chrysene	n/a	=	7.05	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS, rec	3/21/2013	Organic	Chrysene	n/a	=	71	%	EPA 8270Cm	-88	-88	17	168	
2012/13-3	000NONPJ	matrix spike	3/21/2013	Organic	Dibenz(a,h)anthracene	n/a	=	6.92	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/21/2013	Organic	Dibenz(a,h)anthracene	n/a	=	69	%	EPA 8270Cm	-88	-88	0.1	227	QAX
2012/13-3	000NONPJ	matrix spike dup	3/21/2013	Organic	Dibenz(a,h)anthracene	n/a	=	7.13	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/21/2013	Organic	Dibenz(a,h)anthracene	n/a	=	71	%	EPA 8270Cm	-88	-88	0.1	227	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/21/2013	Organic	Dibenz(a,h)anthracene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/21/2013	Organic	Dibenz(a,h)anthracene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS	3/21/2013	Organic	Dibenz(a,h)anthracene	n/a	=	6.89	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS, rec	3/21/2013	Organic	Dibenz(a,h)anthracene	n/a	=	69	%	EPA 8270Cm	-88	-88	0.1	227	
2012/13-3	Lab	method blank	3/6/2013	Organic	Diethyl phthalate	n/a	<	0.15	µg/L	EPA 625	0.15	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	Diethyl phthalate	n/a	=	35.1	µg/L	EPA 625	0.15	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	Diethyl phthalate	n/a	=	70	%	EPA 625	-88	-88	0.1	112	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	Diethyl phthalate	n/a	=	15.8	µg/L	EPA 625	0.15	1			
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	Diethyl phthalate	n/a	=	31	%	EPA 625	-88	-88	0.1	112	
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	Diethyl phthalate	n/a	=	16.3	µg/L	EPA 625	0.15	1			
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	Diethyl phthalate	n/a	=	32	%	EPA 625	-88	-88	0.1	112	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	Diethyl phthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	
2012/13-3	Lab	method blank	3/6/2013	Organic	Dimethyl phthalate	n/a	<	0.18	µg/L	EPA 625	0.18	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	Dimethyl phthalate	n/a	=	31.5	µg/L	EPA 625	0.18	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	Dimethyl phthalate	n/a	=	63	%	EPA 625	-88	-88	0.1	112	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	Dimethyl phthalate	n/a	=	13.4	µg/L	EPA 625	0.18	1			
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	Dimethyl phthalate	n/a	=	27	%	EPA 625	-88	-88	0.1	112	
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	Dimethyl phthalate	n/a	=	13.6	µg/L	EPA 625	0.18	1			
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	Dimethyl phthalate	n/a	=	27	%	EPA 625	-88	-88	0.1	112	
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	Dimethyl phthalate	n/a	=	1	%	EPA 625	-88	-88	0	30	
2012/13-3	Lab	method blank	3/6/2013	Organic	Di-n-butylphthalate	n/a	<	0.24	µg/L	EPA 625	0.24	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	Di-n-butylphthalate	n/a	=	39.3	µg/L	EPA 625	0.24	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	Di-n-butylphthalate	n/a	=	79	%	EPA 625	-88	-88	1	118	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	Di-n-butylphthalate	n/a	=	16.6	µg/L	EPA 625	0.24	1			
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	Di-n-butylphthalate	n/a	=	33	%	EPA 625	-88	-88	1	118	
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	Di-n-butylphthalate	n/a	=	18.3	µg/L	EPA 625	0.24	1			
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	Di-n-butylphthalate	n/a	=	37	%	EPA 625	-88	-88	1	118	
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	Di-n-butylphthalate	n/a	=	10	%	EPA 625	-88	-88	0	30	
2012/13-3	Lab	method blank	3/6/2013	Organic	Di-n-octylphthalate	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	Di-n-octylphthalate	n/a	=	29.7	µg/L	EPA 625	0.19	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	Di-n-octylphthalate	n/a	=	59	%	EPA 625	-88	-88	6	146	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	Di-n-octylphthalate	n/a	=	16.5	µg/L	EPA 625	0.19	1			
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	Di-n-octylphthalate	n/a	=	33	%	EPA 625	-88	-88	6	146	
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	Di-n-octylphthalate	n/a	=	18.1	µg/L	EPA 625	0.19	1			
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	Di-n-octylphthalate	n/a	=	36	%	EPA 625	-88	-88	6	146	
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	Di-n-octylphthalate	n/a	=	9	%	EPA 625	-88	-88	0	30	
2012/13-3	000NONPJ	matrix spike	3/21/2013	Organic	Fluoranthene	n/a	=	6.69	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/21/2013	Organic	Fluoranthene	n/a	=	67	%	EPA 8270Cm	-88	-88	26	137	QAX
2012/13-3	000NONPJ	matrix spike dup	3/21/2013	Organic	Fluoranthene	n/a	=	7.14	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/21/2013	Organic	Fluoranthene	n/a	=	71	%	EPA 8270Cm	-88	-88	26	137	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/21/2013	Organic	Fluoranthene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/21/2013	Organic	Fluoranthene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS	3/21/2013	Organic	Fluoranthene	n/a	=	7.08	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS, rec	3/21/2013	Organic	Fluoranthene	n/a	=	71	%	EPA 8270Cm	-88	-88	26	137	
2012/13-3	000NONPJ	matrix spike	3/21/2013	Organic	Fluorene	n/a	=	7.01	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/21/2013	Organic	Fluorene	n/a	=	70	%	EPA 8270Cm	-88	-88	59	121	QAX
2012/13-3	000NONPJ	matrix spike dup	3/21/2013	Organic	Fluorene	n/a	=	7.2	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/21/2013	Organic	Fluorene	n/a	=	72	%	EPA 8270Cm	-88	-88	59	121	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/21/2013	Organic	Fluorene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/21/2013	Organic	Fluorene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS	3/21/2013	Organic	Fluorene	n/a	=	6.99	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS, rec	3/21/2013	Organic	Fluorene	n/a	=	70	%	EPA 8270Cm	-88	-88	59	121	
2012/13-3	Lab	method blank	3/6/2013	Organic	Hexachlorobenzene	n/a	<	0.49	µg/L	EPA 625	0.49	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	Hexachlorobenzene	n/a	=	32.7	µg/L	EPA 625	0.49	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	Hexachlorobenzene	n/a	=	65	%	EPA 625	-88	-88	0.1	152	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	Hexachlorobenzene	n/a	=	14.2	µg/L	EPA 625	0.49	1			
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	Hexachlorobenzene	n/a	=	28	%	EPA 625	-88	-88	0.1	152	
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	Hexachlorobenzene	n/a	=	14.3	µg/L	EPA 625	0.49	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	Hexachlorobenzene	n/a	=	29	%	EPA 625	-88	-88	0.1	152	
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	Hexachlorobenzene	n/a	=	0.6	%	EPA 625	-88	-88	0	30	
2012/13-3	Lab	method blank	3/6/2013	Organic	Hexachlorobutadiene	n/a	<	0.47	µg/L	EPA 625	0.47	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	Hexachlorobutadiene	n/a	=	37.1	µg/L	EPA 625	0.47	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	Hexachlorobutadiene	n/a	=	74	%	EPA 625	-88	-88	24	116	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	Hexachlorobutadiene	n/a	=	14.1	µg/L	EPA 625	0.47	1			
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	Hexachlorobutadiene	n/a	=	28	%	EPA 625	-88	-88	24	116	
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	Hexachlorobutadiene	n/a	=	13	µg/L	EPA 625	0.47	1			
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	Hexachlorobutadiene	n/a	=	26	%	EPA 625	-88	-88	24	116	
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	Hexachlorobutadiene	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-3	Lab	method blank	3/6/2013	Organic	Hexachlorocyclopentadiene	n/a	<	1.5	µg/L	EPA 625	1.5	5			
2012/13-3	Lab	LCS	3/6/2013	Organic	Hexachlorocyclopentadiene	n/a	=	30.9	µg/L	EPA 625	1.5	5			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	Hexachlorocyclopentadiene	n/a	=	62	%	EPA 625	-88	-88	0.1	136	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	Hexachlorocyclopentadiene	n/a	=	11.7	µg/L	EPA 625	1.5	5			
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	Hexachlorocyclopentadiene	n/a	=	23	%	EPA 625	-88	-88	0.1	146	
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	Hexachlorocyclopentadiene	n/a	=	9.49	µg/L	EPA 625	1.5	5			
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	Hexachlorocyclopentadiene	n/a	=	19	%	EPA 625	-88	-88	0.1	146	
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	Hexachlorocyclopentadiene	n/a	=	21	%	EPA 625	-88	-88	0	30	
2012/13-3	Lab	method blank	3/6/2013	Organic	Hexachloroethane	n/a	<	0.52	µg/L	EPA 625	0.52	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	Hexachloroethane	n/a	=	24.4	µg/L	EPA 625	0.52	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	Hexachloroethane	n/a	=	49	%	EPA 625	-88	-88	40	113	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	Hexachloroethane	n/a	=	10.5	µg/L	EPA 625	0.52	1			GB
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	Hexachloroethane	n/a	=	21	%	EPA 625	-88	-88	40	113	GB
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	Hexachloroethane	n/a	=	11	µg/L	EPA 625	0.52	1			GB
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	Hexachloroethane	n/a	=	22	%	EPA 625	-88	-88	40	113	GB
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	Hexachloroethane	n/a	=	4	%	EPA 625	-88	-88	0	30	
2012/13-3	000NONPJ	matrix spike	3/21/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.15	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/21/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	62	%	EPA 8270Cm	-88	-88	0.1	171	QAX
2012/13-3	000NONPJ	matrix spike dup	3/21/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.34	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/21/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	63	%	EPA 8270Cm	-88	-88	0.1	171	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/21/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/21/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS	3/21/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.17	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS, rec	3/21/2013	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	62	%	EPA 8270Cm	-88	-88	0.1	171	
2012/13-3	Lab	method blank	3/6/2013	Organic	Isophorone	n/a	<	0.21	µg/L	EPA 625	0.21	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	Isophorone	n/a	=	32	µg/L	EPA 625	0.21	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	Isophorone	n/a	=	64	%	EPA 625	-88	-88	21	196	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	Isophorone	n/a	=	13.4	µg/L	EPA 625	0.21	1			
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	Isophorone	n/a	=	27	%	EPA 625	-88	-88	21	196	
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	Isophorone	n/a	=	15.6	µg/L	EPA 625	0.21	1			
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	Isophorone	n/a	=	31	%	EPA 625	-88	-88	21	196	
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	Isophorone	n/a	=	15	%	EPA 625	-88	-88	0	30	
2012/13-3	Lab	LCS dup	2/27/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	4.94	µg/L	EPA 524.2	0.19	2			
2012/13-3	Lab	LCS dup, rec	2/27/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	82	%	EPA 524.2	-88	-88	70	130	
2012/13-3	Lab	LCS, RPD	2/27/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	0.2	%	EPA 524.2	-88	-88	0	30	
2012/13-3	Lab	LCS	2/27/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	4.93	µg/L	EPA 524.2	0.19	2			
2012/13-3	Lab	LCS, rec	2/27/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	82	%	EPA 524.2	-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	
2012/13-3	Lab	method blank	2/27/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.19	µg/L	EPA 524.2	0.19	2			
2012/13-3	MO-VEN	field blank	2/28/2013	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	0.19	µg/L	EPA 524.2	0.19	2			
2012/13-3	000NONPJ	matrix spike	3/21/2013	Organic	Naphthalene	n/a	=	6.53	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/21/2013	Organic	Naphthalene	n/a	=	65	%	EPA 8270Cm	-88	-88	21	133	QAX
2012/13-3	000NONPJ	matrix spike dup	3/21/2013	Organic	Naphthalene	n/a	=	6.68	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/21/2013	Organic	Naphthalene	n/a	=	67	%	EPA 8270Cm	-88	-88	21	133	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/21/2013	Organic	Naphthalene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/21/2013	Organic	Naphthalene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS	3/21/2013	Organic	Naphthalene	n/a	=	6.2	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS, rec	3/21/2013	Organic	Naphthalene	n/a	=	62	%	EPA 8270Cm	-88	-88	21	133	
2012/13-3	Lab	method blank	3/6/2013	Organic	Nitrobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	Nitrobenzene	n/a	=	33.9	µg/L	EPA 625	0.36	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	Nitrobenzene	n/a	=	68	%	EPA 625	-88	-88	35	180	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	Nitrobenzene	n/a	=	13.5	µg/L	EPA 625	0.36	1			GB
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	Nitrobenzene	n/a	=	27	%	EPA 625	-88	-88	35	180	GB
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	Nitrobenzene	n/a	=	15.6	µg/L	EPA 625	0.36	1			GB
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	Nitrobenzene	n/a	=	31	%	EPA 625	-88	-88	35	180	GB
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	Nitrobenzene	n/a	=	14	%	EPA 625	-88	-88	0	30	
2012/13-3	000NONPJ	srgt matrix spike	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	3.13	µg/L	EPA 8270Cm	-88	-88			QAX
2012/13-3	000NONPJ	srgt matrix spike, rec	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 8270Cm	-88	-88	51	143	QAX
2012/13-3	000NONPJ	srgt matrix spike dup	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	3.02	µg/L	EPA 8270Cm	-88	-88			QAX
2012/13-3	000NONPJ	srgt matrix spike dup, rec	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 8270Cm	-88	-88	51	143	QAX
2012/13-3	Lab	srgt method blank	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	34	µg/L	EPA 625	-88	-88			
2012/13-3	Lab	srgt method blank, rec	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 625	-88	-88	34	139	
2012/13-3	Lab	srgt LCS	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	34.9	µg/L	EPA 625	-88	-88			
2012/13-3	Lab	srgt LCS, rec	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 625	-88	-88	34	139	
2012/13-3	Lab	srgt method blank	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	2.09	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-3	Lab	srgt method blank, rec	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	42	%	EPA 8270Cm	-88	-88	51	143	GN
2012/13-3	Lab	srgt LCS	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	3.02	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	Lab	srgt LCS, rec	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	60	%	EPA 8270Cm	-88	-88	51	143	
2012/13-3	ME-CC	srgt matrix spike	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	13.6	µg/L	EPA 625	-88	-88			GN
2012/13-3	ME-CC	srgt matrix spike, rec	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	27	%	EPA 625	-88	-88	34	139	GN
2012/13-3	ME-CC	srgt matrix spike dup	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	15.9	µg/L	EPA 625	-88	-88			GN
2012/13-3	ME-CC	srgt matrix spike dup, rec	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	32	%	EPA 625	-88	-88	34	139	GN
2012/13-3	ME-CC	srgt environ	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	24.9	µg/L	EPA 625	-88	-88			
2012/13-3	ME-CC	srgt environ, rec	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	50	%	EPA 625	-88	-88	34	139	
2012/13-3	ME-CC	srgt environ	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	2.34	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-3	ME-CC	srgt environ, rec	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	47	%	EPA 8270Cm	-88	-88	51	143	GN
2012/13-3	ME-SCR	srgt environ	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	40.1	µg/L	EPA 625	-88	-88			
2012/13-3	ME-SCR	srgt environ, rec	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625	-88	-88	34	139	
2012/13-3	ME-SCR	srgt environ	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	1.52	µg/L	EPA 8270Cm	-88	-88			GN
2012/13-3	ME-SCR	srgt environ, rec	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	30	%	EPA 8270Cm	-88	-88	51	143	GN
2012/13-3	MO-CAM	srgt environ	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	19.9	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-CAM	srgt environ, rec	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	40	%	EPA 625	-88	-88	34	139	D
2012/13-3	MO-CAM	srgt environ	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	2.97	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-CAM	srgt environ, rec	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	59	%	EPA 8270Cm	-88	-88	51	143	D
2012/13-3	MO-FIL	srgt environ	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	34.1	µg/L	EPA 625	-88	-88			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	MO-FIL	srgt environ, rec	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 625	-88	-88	34	139	
2012/13-3	MO-FIL	srgt environ	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	3.14	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	MO-FIL	srgt environ, rec	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	63	%	EPA 8270Cm	-88	-88	51	143	
2012/13-3	MO-HUE	srgt environ	3/7/2013	Organic	Nitrobenzene-d5	n/a	=	31	µg/L	EPA 625	-88	-88			
2012/13-3	MO-HUE	srgt environ, rec	3/7/2013	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 625	-88	-88	34	139	
2012/13-3	MO-HUE	srgt environ	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	3.35	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	MO-HUE	srgt environ, rec	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270Cm	-88	-88	51	143	
2012/13-3	MO-OXN	srgt environ	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	19.3	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-OXN	srgt environ, rec	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	39	%	EPA 625	-88	-88	34	139	D
2012/13-3	MO-OXN	srgt environ	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	2.33	µg/L	EPA 8270Cm	-88	-88			D,GN
2012/13-3	MO-OXN	srgt environ, rec	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	44	%	EPA 8270Cm	-88	-88	51	143	D,GN
2012/13-3	MO-SIM	srgt environ	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	20.7	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-SIM	srgt environ, rec	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	41	%	EPA 625	-88	-88	34	139	D
2012/13-3	MO-SIM	srgt environ	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	3.52	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-SIM	srgt environ, rec	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	70	%	EPA 8270Cm	-88	-88	51	143	D
2012/13-3	MO-SPA	srgt environ	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	30.3	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-SPA	srgt environ, rec	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	61	%	EPA 625	-88	-88	34	139	D
2012/13-3	MO-SPA	srgt environ	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	6.23	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-SPA	srgt environ, rec	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 8270Cm	-88	-88	51	143	D
2012/13-3	MO-THO	srgt environ	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	25.6	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-THO	srgt environ, rec	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	51	%	EPA 625	-88	-88	34	139	D
2012/13-3	MO-THO	srgt environ	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	3.11	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-THO	srgt environ, rec	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	62	%	EPA 8270Cm	-88	-88	51	143	D
2012/13-3	MO-VEN	srgt environ	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	22.6	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-VEN	srgt environ, rec	3/6/2013	Organic	Nitrobenzene-d5	n/a	=	45	%	EPA 625	-88	-88	34	139	D
2012/13-3	MO-VEN	srgt environ	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	3.72	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-VEN	srgt environ, rec	3/21/2013	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 8270Cm	-88	-88	51	143	D
2012/13-3	Lab	method blank	3/6/2013	Organic	N-Nitrosodimethylamine	n/a	<	0.14	µg/L	EPA 625	0.14	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	N-Nitrosodimethylamine	n/a	=	21.5	µg/L	EPA 625	0.14	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	N-Nitrosodimethylamine	n/a	=	43	%	EPA 625	-88	-88	27	78	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	N-Nitrosodimethylamine	n/a	=	12.9	µg/L	EPA 625	0.14	1			
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	N-Nitrosodimethylamine	n/a	=	26	%	EPA 625	-88	-88	22	70	
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	N-Nitrosodimethylamine	n/a	=	14	µg/L	EPA 625	0.14	1			
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	N-Nitrosodimethylamine	n/a	=	28	%	EPA 625	-88	-88	22	70	
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	N-Nitrosodimethylamine	n/a	=	8	%	EPA 625	-88	-88	0	30	
2012/13-3	Lab	method blank	3/6/2013	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.26	µg/L	EPA 625	0.26	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	44	µg/L	EPA 625	0.26	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	88	%	EPA 625	-88	-88	0.1	230	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	15.1	µg/L	EPA 625	0.26	1			
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	30	%	EPA 625	-88	-88	0.1	230	
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	18.4	µg/L	EPA 625	0.26	1			
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	37	%	EPA 625	-88	-88	0.1	230	
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	N-Nitrosodi-N-propylamine	n/a	=	20	%	EPA 625	-88	-88	0	30	
2012/13-3	Lab	method blank	3/6/2013	Organic	N-Nitrosodiphenylamine	n/a	<	0.19	µg/L	EPA 625	0.19	1			
2012/13-3	Lab	LCS	3/6/2013	Organic	N-Nitrosodiphenylamine	n/a	=	25.8	µg/L	EPA 625	0.19	1			
2012/13-3	Lab	LCS, rec	3/6/2013	Organic	N-Nitrosodiphenylamine	n/a	=	52	%	EPA 625	-88	-88	48	129	
2012/13-3	ME-CC	matrix spike	3/6/2013	Organic	N-Nitrosodiphenylamine	n/a	=	9.38	µg/L	EPA 625	0.19	1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	ME-CC	matrix spike, rec	3/6/2013	Organic	N-Nitrosodiphenylamine	n/a	=	19	%	EPA 625	-88	-88	17	138	
2012/13-3	ME-CC	matrix spike dup	3/6/2013	Organic	N-Nitrosodiphenylamine	n/a	=	9.48	µg/L	EPA 625	0.19	1			
2012/13-3	ME-CC	matrix spike dup, rec	3/6/2013	Organic	N-Nitrosodiphenylamine	n/a	=	19	%	EPA 625	-88	-88	17	138	
2012/13-3	ME-CC	matrix spike, RPD	3/6/2013	Organic	N-Nitrosodiphenylamine	n/a	=	1	%	EPA 625	-88	-88	0	30	
2012/13-3	Lab	srgt method blank	3/14/2013	Organic	Perylene-d12	n/a	=	4.33	µg/L	EPA 525.2	-88	-88			
2012/13-3	Lab	srgt method blank, rec	3/14/2013	Organic	Perylene-d12	n/a	=	87	%	EPA 525.2	-88	-88	48	141	
2012/13-3	Lab	srgt LCS	3/14/2013	Organic	Perylene-d12	n/a	=	4.92	µg/L	EPA 525.2	-88	-88			
2012/13-3	Lab	srgt LCS, rec	3/14/2013	Organic	Perylene-d12	n/a	=	98	%	EPA 525.2	-88	-88	48	141	
2012/13-3	ME-CC	srgt environ	3/15/2013	Organic	Perylene-d12	n/a	=	3.07	µg/L	EPA 525.2	-88	-88			
2012/13-3	ME-CC	srgt environ, rec	3/15/2013	Organic	Perylene-d12	n/a	=	58	%	EPA 525.2	-88	-88	48	141	
2012/13-3	ME-SCR	srgt environ	3/14/2013	Organic	Perylene-d12	n/a	=	4	µg/L	EPA 525.2	-88	-88			
2012/13-3	ME-SCR	srgt environ, rec	3/14/2013	Organic	Perylene-d12	n/a	=	80	%	EPA 525.2	-88	-88	48	141	
2012/13-3	MO-CAM	srgt environ	3/15/2013	Organic	Perylene-d12	n/a	=	2.41	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-CAM	srgt environ, rec	3/15/2013	Organic	Perylene-d12	n/a	=	48	%	EPA 525.2	-88	-88	48	141	
2012/13-3	MO-FIL	srgt environ	3/15/2013	Organic	Perylene-d12	n/a	=	2.25	µg/L	EPA 525.2	-88	-88			GN
2012/13-3	MO-FIL	srgt environ, rec	3/15/2013	Organic	Perylene-d12	n/a	=	45	%	EPA 525.2	-88	-88	48	141	GN
2012/13-3	MO-HUE	srgt matrix spike	3/14/2013	Organic	Perylene-d12	n/a	=	3.4	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-HUE	srgt matrix spike, rec	3/14/2013	Organic	Perylene-d12	n/a	=	68	%	EPA 525.2	-88	-88	48	141	
2012/13-3	MO-HUE	srgt matrix spike dup	3/14/2013	Organic	Perylene-d12	n/a	=	2.7	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-HUE	srgt matrix spike dup, rec	3/14/2013	Organic	Perylene-d12	n/a	=	54	%	EPA 525.2	-88	-88	48	141	
2012/13-3	MO-HUE	srgt environ	3/15/2013	Organic	Perylene-d12	n/a	=	1.6	µg/L	EPA 525.2	-88	-88			GN
2012/13-3	MO-HUE	srgt environ, rec	3/15/2013	Organic	Perylene-d12	n/a	=	32	%	EPA 525.2	-88	-88	48	141	GN
2012/13-3	MO-OXN	srgt environ	3/15/2013	Organic	Perylene-d12	n/a	=	2.37	µg/L	EPA 525.2	-88	-88			GN
2012/13-3	MO-OXN	srgt environ, rec	3/15/2013	Organic	Perylene-d12	n/a	=	47	%	EPA 525.2	-88	-88	48	141	GN
2012/13-3	MO-SIM	srgt environ	3/15/2013	Organic	Perylene-d12	n/a	=	2.34	µg/L	EPA 525.2	-88	-88			GN
2012/13-3	MO-SIM	srgt environ, rec	3/15/2013	Organic	Perylene-d12	n/a	=	47	%	EPA 525.2	-88	-88	48	141	GN
2012/13-3	MO-SPA	srgt environ	3/15/2013	Organic	Perylene-d12	n/a	=	2.92	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-SPA	srgt environ, rec	3/15/2013	Organic	Perylene-d12	n/a	=	50	%	EPA 525.2	-88	-88	48	141	
2012/13-3	MO-THO	srgt environ	3/15/2013	Organic	Perylene-d12	n/a	=	2.47	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-THO	srgt environ, rec	3/15/2013	Organic	Perylene-d12	n/a	=	49	%	EPA 525.2	-88	-88	48	141	
2012/13-3	MO-VEN	srgt environ	3/15/2013	Organic	Perylene-d12	n/a	=	2.19	µg/L	EPA 525.2	-88	-88			GN
2012/13-3	MO-VEN	srgt environ, rec	3/15/2013	Organic	Perylene-d12	n/a	=	44	%	EPA 525.2	-88	-88	48	141	GN
2012/13-3	000NONPJ	matrix spike	3/21/2013	Organic	Phenanthrene	n/a	=	6.65	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/21/2013	Organic	Phenanthrene	n/a	=	67	%	EPA 8270Cm	-88	-88	54	120	QAX
2012/13-3	000NONPJ	matrix spike dup	3/21/2013	Organic	Phenanthrene	n/a	=	7.06	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/21/2013	Organic	Phenanthrene	n/a	=	71	%	EPA 8270Cm	-88	-88	54	120	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/21/2013	Organic	Phenanthrene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/21/2013	Organic	Phenanthrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS	3/21/2013	Organic	Phenanthrene	n/a	=	6.94	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS, rec	3/21/2013	Organic	Phenanthrene	n/a	=	69	%	EPA 8270Cm	-88	-88	54	120	
2012/13-3	000NONPJ	matrix spike	3/20/2013	Organic	Phenol	n/a	=	2.85	µg/L	EPA 8270Cm	0.35	1			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/20/2013	Organic	Phenol	n/a	=	28	%	EPA 8270Cm	-88	-88	14	50	QAX
2012/13-3	000NONPJ	matrix spike dup	3/20/2013	Organic	Phenol	n/a	=	3.05	µg/L	EPA 8270Cm	0.35	1			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/20/2013	Organic	Phenol	n/a	=	30	%	EPA 8270Cm	-88	-88	14	50	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/20/2013	Organic	Phenol	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/20/2013	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1			
2012/13-3	Lab	LCS	3/20/2013	Organic	Phenol	n/a	=	2	µg/L	EPA 8270Cm	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	
2012/13-3	Lab	LCS, rec	3/20/2013	Organic	Phenol	n/a	=	20	%	EPA 8270Cm	-88	-88	14	40	
2012/13-3	000NONPJ	srgt matrix spike	3/20/2013	Organic	Phenol-d5	n/a	=	2.96	µg/L	EPA 8270Cm	-88	-88			QAX
2012/13-3	000NONPJ	srgt matrix spike, rec	3/20/2013	Organic	Phenol-d5	n/a	=	30	%	EPA 8270Cm	-88	-88	13	58	QAX
2012/13-3	000NONPJ	srgt matrix spike dup	3/20/2013	Organic	Phenol-d5	n/a	=	3.21	µg/L	EPA 8270Cm	-88	-88			QAX
2012/13-3	000NONPJ	srgt matrix spike dup, rec	3/20/2013	Organic	Phenol-d5	n/a	=	32	%	EPA 8270Cm	-88	-88	13	58	QAX
2012/13-3	Lab	srgt method blank	3/6/2013	Organic	Phenol-d5	n/a	=	29.8	µg/L	EPA 625	-88	-88			
2012/13-3	Lab	srgt method blank, rec	3/6/2013	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	2	70	
2012/13-3	Lab	srgt LCS	3/6/2013	Organic	Phenol-d5	n/a	=	29.3	µg/L	EPA 625	-88	-88			
2012/13-3	Lab	srgt LCS, rec	3/6/2013	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	2	70	
2012/13-3	Lab	srgt method blank	3/20/2013	Organic	Phenol-d5	n/a	=	1.59	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	Lab	srgt method blank, rec	3/20/2013	Organic	Phenol-d5	n/a	=	16	%	EPA 8270Cm	-88	-88	13	58	
2012/13-3	Lab	srgt LCS	3/20/2013	Organic	Phenol-d5	n/a	=	2.08	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	Lab	srgt LCS, rec	3/20/2013	Organic	Phenol-d5	n/a	=	21	%	EPA 8270Cm	-88	-88	13	58	
2012/13-3	ME-CC	srgt matrix spike	3/6/2013	Organic	Phenol-d5	n/a	=	16.2	µg/L	EPA 625	-88	-88			
2012/13-3	ME-CC	srgt matrix spike, rec	3/6/2013	Organic	Phenol-d5	n/a	=	16	%	EPA 625	-88	-88	2	70	
2012/13-3	ME-CC	srgt matrix spike dup	3/6/2013	Organic	Phenol-d5	n/a	=	17.3	µg/L	EPA 625	-88	-88			
2012/13-3	ME-CC	srgt matrix spike dup, rec	3/6/2013	Organic	Phenol-d5	n/a	=	17	%	EPA 625	-88	-88	2	70	
2012/13-3	ME-CC	srgt environ	3/6/2013	Organic	Phenol-d5	n/a	=	17.5	µg/L	EPA 625	-88	-88			
2012/13-3	ME-CC	srgt environ, rec	3/6/2013	Organic	Phenol-d5	n/a	=	17	%	EPA 625	-88	-88	2	70	
2012/13-3	ME-CC	srgt environ	3/20/2013	Organic	Phenol-d5	n/a	=	1.74	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	ME-CC	srgt environ, rec	3/20/2013	Organic	Phenol-d5	n/a	=	17	%	EPA 8270Cm	-88	-88	13	58	
2012/13-3	ME-SCR	srgt environ	3/6/2013	Organic	Phenol-d5	n/a	=	28.1	µg/L	EPA 625	-88	-88			
2012/13-3	ME-SCR	srgt environ, rec	3/6/2013	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	2	70	
2012/13-3	ME-SCR	srgt environ	3/20/2013	Organic	Phenol-d5	n/a	=	1.29	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	ME-SCR	srgt environ, rec	3/20/2013	Organic	Phenol-d5	n/a	=	13	%	EPA 8270Cm	-88	-88	13	58	
2012/13-3	MO-CAM	srgt environ	3/6/2013	Organic	Phenol-d5	n/a	=	15.4	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-CAM	srgt environ, rec	3/6/2013	Organic	Phenol-d5	n/a	=	15	%	EPA 625	-88	-88	2	70	D
2012/13-3	MO-CAM	srgt environ	3/20/2013	Organic	Phenol-d5	n/a	=	2.3	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-CAM	srgt environ, rec	3/20/2013	Organic	Phenol-d5	n/a	=	23	%	EPA 8270Cm	-88	-88	13	58	D
2012/13-3	MO-FIL	srgt environ	3/6/2013	Organic	Phenol-d5	n/a	=	20.8	µg/L	EPA 625	-88	-88			
2012/13-3	MO-FIL	srgt environ, rec	3/6/2013	Organic	Phenol-d5	n/a	=	21	%	EPA 625	-88	-88	2	70	
2012/13-3	MO-FIL	srgt environ	3/20/2013	Organic	Phenol-d5	n/a	=	2.08	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	MO-FIL	srgt environ, rec	3/20/2013	Organic	Phenol-d5	n/a	=	21	%	EPA 8270Cm	-88	-88	13	58	
2012/13-3	MO-HUE	srgt environ	3/7/2013	Organic	Phenol-d5	n/a	=	20.9	µg/L	EPA 625	-88	-88			
2012/13-3	MO-HUE	srgt environ, rec	3/7/2013	Organic	Phenol-d5	n/a	=	21	%	EPA 625	-88	-88	2	70	
2012/13-3	MO-HUE	srgt environ	3/21/2013	Organic	Phenol-d5	n/a	=	2.44	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	MO-HUE	srgt environ, rec	3/21/2013	Organic	Phenol-d5	n/a	=	24	%	EPA 8270Cm	-88	-88	13	58	
2012/13-3	MO-OXN	srgt environ	3/6/2013	Organic	Phenol-d5	n/a	=	14.6	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-OXN	srgt environ, rec	3/6/2013	Organic	Phenol-d5	n/a	=	15	%	EPA 625	-88	-88	2	70	D
2012/13-3	MO-OXN	srgt environ	3/21/2013	Organic	Phenol-d5	n/a	=	1.9	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-OXN	srgt environ, rec	3/21/2013	Organic	Phenol-d5	n/a	=	18	%	EPA 8270Cm	-88	-88	13	58	D
2012/13-3	MO-SIM	srgt environ	3/6/2013	Organic	Phenol-d5	n/a	=	9.2	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-SIM	srgt environ, rec	3/6/2013	Organic	Phenol-d5	n/a	=	9	%	EPA 625	-88	-88	2	70	D
2012/13-3	MO-SIM	srgt environ	3/21/2013	Organic	Phenol-d5	n/a	=	1.9	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-SIM	srgt environ, rec	3/21/2013	Organic	Phenol-d5	n/a	=	19	%	EPA 8270Cm	-88	-88	13	58	D
2012/13-3	MO-SPA	srgt environ	3/6/2013	Organic	Phenol-d5	n/a	=	20.3	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-SPA	srgt environ, rec	3/6/2013	Organic	Phenol-d5	n/a	=	20	%	EPA 625	-88	-88	2	70	D

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	MO-SPA	srgt environ	3/20/2013	Organic	Phenol-d5	n/a	=	8	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-SPA	srgt environ, rec	3/20/2013	Organic	Phenol-d5	n/a	=	40	%	EPA 8270Cm	-88	-88	13	58	D
2012/13-3	MO-THO	srgt environ	3/6/2013	Organic	Phenol-d5	n/a	=	17.3	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-THO	srgt environ, rec	3/6/2013	Organic	Phenol-d5	n/a	=	17	%	EPA 625	-88	-88	2	70	D
2012/13-3	MO-THO	srgt environ	3/21/2013	Organic	Phenol-d5	n/a	=	2.4	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-THO	srgt environ, rec	3/21/2013	Organic	Phenol-d5	n/a	=	24	%	EPA 8270Cm	-88	-88	13	58	D
2012/13-3	MO-VEN	srgt environ	3/6/2013	Organic	Phenol-d5	n/a	=	17.2	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-VEN	srgt environ, rec	3/6/2013	Organic	Phenol-d5	n/a	=	17	%	EPA 625	-88	-88	2	70	D
2012/13-3	MO-VEN	srgt environ	3/20/2013	Organic	Phenol-d5	n/a	=	2.7	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-VEN	srgt environ, rec	3/20/2013	Organic	Phenol-d5	n/a	=	27	%	EPA 8270Cm	-88	-88	13	58	D
2012/13-3	000NONPJ	srgt matrix spike	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	3.36	µg/L	EPA 8270Cm	-88	-88			QAX
2012/13-3	000NONPJ	srgt matrix spike, rec	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 8270Cm	-88	-88	19	134	QAX
2012/13-3	000NONPJ	srgt matrix spike dup	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	3.61	µg/L	EPA 8270Cm	-88	-88			QAX
2012/13-3	000NONPJ	srgt matrix spike dup, rec	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	72	%	EPA 8270Cm	-88	-88	19	134	QAX
2012/13-3	Lab	srgt method blank	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	30.5	µg/L	EPA 625	-88	-88			
2012/13-3	Lab	srgt method blank, rec	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	61	%	EPA 625	-88	-88	6	145	
2012/13-3	Lab	srgt LCS	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	39.1	µg/L	EPA 625	-88	-88			
2012/13-3	Lab	srgt LCS, rec	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 625	-88	-88	6	145	
2012/13-3	Lab	srgt method blank	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	2.72	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	Lab	srgt method blank, rec	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	54	%	EPA 8270Cm	-88	-88	19	134	
2012/13-3	Lab	srgt LCS	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	3.59	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	Lab	srgt LCS, rec	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	72	%	EPA 8270Cm	-88	-88	19	134	
2012/13-3	ME-CC	srgt matrix spike	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	14.1	µg/L	EPA 625	-88	-88			
2012/13-3	ME-CC	srgt matrix spike, rec	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	28	%	EPA 625	-88	-88	6	145	
2012/13-3	ME-CC	srgt matrix spike dup	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	15	µg/L	EPA 625	-88	-88			
2012/13-3	ME-CC	srgt matrix spike dup, rec	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	30	%	EPA 625	-88	-88	6	145	
2012/13-3	ME-CC	srgt environ	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	27.3	µg/L	EPA 625	-88	-88			
2012/13-3	ME-CC	srgt environ, rec	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	55	%	EPA 625	-88	-88	6	145	
2012/13-3	ME-CC	srgt environ	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	3.09	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	ME-CC	srgt environ, rec	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 8270Cm	-88	-88	19	134	
2012/13-3	ME-SCR	srgt environ	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	37.6	µg/L	EPA 625	-88	-88			
2012/13-3	ME-SCR	srgt environ, rec	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 625	-88	-88	6	145	
2012/13-3	ME-SCR	srgt environ	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	2.47	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	ME-SCR	srgt environ, rec	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	49	%	EPA 8270Cm	-88	-88	19	134	
2012/13-3	MO-CAM	srgt environ	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	22.8	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-CAM	srgt environ, rec	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	46	%	EPA 625	-88	-88	6	145	D
2012/13-3	MO-CAM	srgt environ	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	3.59	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-CAM	srgt environ, rec	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	72	%	EPA 8270Cm	-88	-88	19	134	D
2012/13-3	MO-FIL	srgt environ	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	29.1	µg/L	EPA 625	-88	-88			
2012/13-3	MO-FIL	srgt environ, rec	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	58	%	EPA 625	-88	-88	6	145	
2012/13-3	MO-FIL	srgt environ	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	3.5	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	MO-FIL	srgt environ, rec	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	70	%	EPA 8270Cm	-88	-88	19	134	
2012/13-3	MO-HUE	srgt environ	3/7/2013	Organic	p-Terphenyl-d14	n/a	=	32.3	µg/L	EPA 625	-88	-88			
2012/13-3	MO-HUE	srgt environ, rec	3/7/2013	Organic	p-Terphenyl-d14	n/a	=	65	%	EPA 625	-88	-88	6	145	
2012/13-3	MO-HUE	srgt environ	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	3.66	µg/L	EPA 8270Cm	-88	-88			
2012/13-3	MO-HUE	srgt environ, rec	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 8270Cm	-88	-88	19	134	
2012/13-3	MO-OXN	srgt environ	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	23.3	µg/L	EPA 625	-88	-88			D

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	MO-OXN	srgt environ, rec	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	47	%	EPA 625	-88	-88	6	145	D
2012/13-3	MO-OXN	srgt environ	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	3.14	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-OXN	srgt environ, rec	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	60	%	EPA 8270Cm	-88	-88	19	134	D
2012/13-3	MO-SIM	srgt environ	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	23.1	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-SIM	srgt environ, rec	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	46	%	EPA 625	-88	-88	6	145	D
2012/13-3	MO-SIM	srgt environ	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	4.15	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-SIM	srgt environ, rec	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	83	%	EPA 8270Cm	-88	-88	19	134	D
2012/13-3	MO-SPA	srgt environ	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	27.6	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-SPA	srgt environ, rec	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	55	%	EPA 625	-88	-88	6	145	D
2012/13-3	MO-SPA	srgt environ	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	7.83	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-SPA	srgt environ, rec	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 8270Cm	-88	-88	19	134	D
2012/13-3	MO-THO	srgt environ	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	25.8	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-THO	srgt environ, rec	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	52	%	EPA 625	-88	-88	6	145	D
2012/13-3	MO-THO	srgt environ	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	4.02	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-THO	srgt environ, rec	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 8270Cm	-88	-88	19	134	D
2012/13-3	MO-VEN	srgt environ	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	23.3	µg/L	EPA 625	-88	-88			D
2012/13-3	MO-VEN	srgt environ, rec	3/6/2013	Organic	p-Terphenyl-d14	n/a	=	47	%	EPA 625	-88	-88	6	145	D
2012/13-3	MO-VEN	srgt environ	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	4.36	µg/L	EPA 8270Cm	-88	-88			D
2012/13-3	MO-VEN	srgt environ, rec	3/21/2013	Organic	p-Terphenyl-d14	n/a	=	87	%	EPA 8270Cm	-88	-88	19	134	D
2012/13-3	000NONPJ	matrix spike	3/21/2013	Organic	Pyrene	n/a	=	6.62	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/21/2013	Organic	Pyrene	n/a	=	66	%	EPA 8270Cm	-88	-88	52	115	QAX
2012/13-3	000NONPJ	matrix spike dup	3/21/2013	Organic	Pyrene	n/a	=	7.2	µg/L	EPA 8270Cm	0.1	0.1			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/21/2013	Organic	Pyrene	n/a	=	72	%	EPA 8270Cm	-88	-88	52	115	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/21/2013	Organic	Pyrene	n/a	=	8	%	EPA 8270Cm	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/21/2013	Organic	Pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS	3/21/2013	Organic	Pyrene	n/a	=	7.14	µg/L	EPA 8270Cm	0.1	0.1			
2012/13-3	Lab	LCS, rec	3/21/2013	Organic	Pyrene	n/a	=	71	%	EPA 8270Cm	-88	-88	52	115	
2012/13-3	000NONPJ	srgt matrix spike	3/13/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0899	µg/L	EPA 608	-88	-88			QAX
2012/13-3	000NONPJ	srgt matrix spike, rec	3/13/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	90	%	EPA 608	-88	-88	26	131	QAX
2012/13-3	000NONPJ	srgt matrix spike dup	3/13/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0937	µg/L	EPA 608	-88	-88			QAX
2012/13-3	000NONPJ	srgt matrix spike dup, rec	3/13/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	94	%	EPA 608	-88	-88	26	131	QAX
2012/13-3	Lab	srgt method blank	3/13/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0553	µg/L	EPA 608	-88	-88			
2012/13-3	Lab	srgt method blank, rec	3/13/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	55	%	EPA 608	-88	-88	26	131	
2012/13-3	Lab	srgt LCS	3/13/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0617	µg/L	EPA 608	-88	-88			
2012/13-3	Lab	srgt LCS, rec	3/13/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	62	%	EPA 608	-88	-88	26	131	
2012/13-3	ME-CC	srgt environ	3/14/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.106	µg/L	EPA 608	-88	-88			
2012/13-3	ME-CC	srgt environ, rec	3/14/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	106	%	EPA 608	-88	-88	26	131	
2012/13-3	ME-SCR	srgt environ	3/14/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0859	µg/L	EPA 608	-88	-88			
2012/13-3	ME-SCR	srgt environ, rec	3/14/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	86	%	EPA 608	-88	-88	26	131	
2012/13-3	MO-CAM	srgt environ	3/14/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0639	µg/L	EPA 608	-88	-88			
2012/13-3	MO-CAM	srgt environ, rec	3/14/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	64	%	EPA 608	-88	-88	26	131	
2012/13-3	MO-FIL	srgt environ	3/14/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0921	µg/L	EPA 608	-88	-88			
2012/13-3	MO-FIL	srgt environ, rec	3/14/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	92	%	EPA 608	-88	-88	26	131	
2012/13-3	MO-HUE	srgt environ	3/14/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0986	µg/L	EPA 608	-88	-88			
2012/13-3	MO-HUE	srgt environ, rec	3/14/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	99	%	EPA 608	-88	-88	26	131	
2012/13-3	MO-OXN	srgt environ	3/14/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0626	µg/L	EPA 608	-88	-88			
2012/13-3	MO-OXN	srgt environ, rec	3/14/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	63	%	EPA 608	-88	-88	26	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	
2012/13-3	MO-SIM	srgt environ	3/14/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0844	µg/L	EPA 608	-88	-88			
2012/13-3	MO-SIM	srgt environ, rec	3/14/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	76	%	EPA 608	-88	-88	26	131	
2012/13-3	MO-SPA	srgt environ	3/14/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0837	µg/L	EPA 608	-88	-88			
2012/13-3	MO-SPA	srgt environ, rec	3/14/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	75	%	EPA 608	-88	-88	26	131	
2012/13-3	MO-THO	srgt environ	3/14/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0636	µg/L	EPA 608	-88	-88			
2012/13-3	MO-THO	srgt environ, rec	3/14/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	64	%	EPA 608	-88	-88	26	131	
2012/13-3	MO-VEN	srgt environ	3/14/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0694	µg/L	EPA 608	-88	-88			
2012/13-3	MO-VEN	srgt environ, rec	3/14/2013	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	69	%	EPA 608	-88	-88	26	131	
2012/13-3	Lab	srgt method blank	3/13/2013	Organic	Triphenylphosphate	n/a	=	0.445	µg/L	EPA 525.2	-88	-88			
2012/13-3	Lab	srgt method blank, rec	3/13/2013	Organic	Triphenylphosphate	n/a	=	89	%	EPA 525.2	-88	-88	71	150	
2012/13-3	Lab	srgt LCS	3/13/2013	Organic	Triphenylphosphate	n/a	=	0.51	µg/L	EPA 525.2	-88	-88			
2012/13-3	Lab	srgt LCS, rec	3/13/2013	Organic	Triphenylphosphate	n/a	=	102	%	EPA 525.2	-88	-88	71	150	
2012/13-3	Lab	srgt method blank	3/14/2013	Organic	Triphenylphosphate	n/a	=	5.01	µg/L	EPA 525.2	-88	-88			
2012/13-3	Lab	srgt method blank, rec	3/14/2013	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2	-88	-88	71	150	
2012/13-3	Lab	srgt LCS	3/14/2013	Organic	Triphenylphosphate	n/a	=	5.66	µg/L	EPA 525.2	-88	-88			
2012/13-3	Lab	srgt LCS, rec	3/14/2013	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	71	150	
2012/13-3	Lab	srgt method blank	3/15/2013	Organic	Triphenylphosphate	n/a	=	0.502	µg/L	EPA 525.2	-88	-88			
2012/13-3	Lab	srgt method blank, rec	3/15/2013	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2	-88	-88	71	150	
2012/13-3	Lab	srgt LCS	3/15/2013	Organic	Triphenylphosphate	n/a	=	0.48	µg/L	EPA 525.2	-88	-88			
2012/13-3	Lab	srgt LCS, rec	3/15/2013	Organic	Triphenylphosphate	n/a	=	96	%	EPA 525.2	-88	-88	71	150	
2012/13-3	ME-CC	srgt environ	3/15/2013	Organic	Triphenylphosphate	n/a	=	5.53	µg/L	EPA 525.2	-88	-88			
2012/13-3	ME-CC	srgt environ, rec	3/15/2013	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	71	150	
2012/13-3	ME-CC	srgt environ	3/15/2013	Organic	Triphenylphosphate	n/a	=	0.506	µg/L	EPA 525.2	-88	-88			
2012/13-3	ME-CC	srgt environ, rec	3/15/2013	Organic	Triphenylphosphate	n/a	=	101	%	EPA 525.2	-88	-88	71	150	
2012/13-3	ME-SCR	srgt environ	3/14/2013	Organic	Triphenylphosphate	n/a	=	5.84	µg/L	EPA 525.2	-88	-88			
2012/13-3	ME-SCR	srgt environ, rec	3/14/2013	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	71	150	
2012/13-3	ME-SCR	srgt matrix spike dup	3/15/2013	Organic	Triphenylphosphate	n/a	=	0.497	µg/L	EPA 525.2	-88	-88			
2012/13-3	ME-SCR	srgt matrix spike dup, rec	3/15/2013	Organic	Triphenylphosphate	n/a	=	99	%	EPA 525.2	-88	-88	71	150	
2012/13-3	ME-SCR	srgt matrix spike	3/15/2013	Organic	Triphenylphosphate	n/a	=	0.48	µg/L	EPA 525.2	-88	-88			
2012/13-3	ME-SCR	srgt matrix spike, rec	3/15/2013	Organic	Triphenylphosphate	n/a	=	96	%	EPA 525.2	-88	-88	71	150	
2012/13-3	ME-SCR	srgt environ	3/15/2013	Organic	Triphenylphosphate	n/a	=	0.445	µg/L	EPA 525.2	-88	-88			
2012/13-3	ME-SCR	srgt environ, rec	3/15/2013	Organic	Triphenylphosphate	n/a	=	89	%	EPA 525.2	-88	-88	71	150	
2012/13-3	MO-CAM	srgt environ	3/15/2013	Organic	Triphenylphosphate	n/a	=	3.21	µg/L	EPA 525.2	-88	-88			GN
2012/13-3	MO-CAM	srgt environ, rec	3/15/2013	Organic	Triphenylphosphate	n/a	=	64	%	EPA 525.2	-88	-88	71	150	GN
2012/13-3	MO-CAM	srgt environ	3/15/2013	Organic	Triphenylphosphate	n/a	=	0.498	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-CAM	srgt environ, rec	3/15/2013	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2	-88	-88	71	150	
2012/13-3	MO-FIL	srgt environ	3/13/2013	Organic	Triphenylphosphate	n/a	=	0.537	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-FIL	srgt environ, rec	3/13/2013	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	71	150	
2012/13-3	MO-FIL	srgt environ	3/15/2013	Organic	Triphenylphosphate	n/a	=	3.35	µg/L	EPA 525.2	-88	-88			GN
2012/13-3	MO-FIL	srgt environ, rec	3/15/2013	Organic	Triphenylphosphate	n/a	=	67	%	EPA 525.2	-88	-88	71	150	GN
2012/13-3	MO-HUE	srgt environ	3/13/2013	Organic	Triphenylphosphate	n/a	=	0.5	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-HUE	srgt environ, rec	3/13/2013	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2	-88	-88	71	150	
2012/13-3	MO-HUE	srgt matrix spike	3/14/2013	Organic	Triphenylphosphate	n/a	=	5.63	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-HUE	srgt matrix spike, rec	3/14/2013	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	71	150	
2012/13-3	MO-HUE	srgt matrix spike dup	3/14/2013	Organic	Triphenylphosphate	n/a	=	5.18	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-HUE	srgt matrix spike dup, rec	3/14/2013	Organic	Triphenylphosphate	n/a	=	104	%	EPA 525.2	-88	-88	71	150	
2012/13-3	MO-HUE	srgt environ	3/15/2013	Organic	Triphenylphosphate	n/a	=	2.91	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	
2012/13-3	MO-HUE	srgt environ, rec	3/15/2013	Organic	Triphenylphosphate	n/a	=	58	%	EPA 525.2	-88	-88	71	150	GN
2012/13-3	MO-OXN	srgt environ	3/13/2013	Organic	Triphenylphosphate	n/a	=	0.588	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-OXN	srgt environ, rec	3/13/2013	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	71	150	
2012/13-3	MO-OXN	srgt environ	3/15/2013	Organic	Triphenylphosphate	n/a	=	2.18	µg/L	EPA 525.2	-88	-88			GN
2012/13-3	MO-OXN	srgt environ, rec	3/15/2013	Organic	Triphenylphosphate	n/a	=	44	%	EPA 525.2	-88	-88	71	150	GN
2012/13-3	MO-SIM	srgt matrix spike dup	3/13/2013	Organic	Triphenylphosphate	n/a	=	0.526	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-SIM	srgt matrix spike dup, rec	3/13/2013	Organic	Triphenylphosphate	n/a	=	105	%	EPA 525.2	-88	-88	71	150	
2012/13-3	MO-SIM	srgt matrix spike	3/13/2013	Organic	Triphenylphosphate	n/a	=	0.542	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-SIM	srgt matrix spike, rec	3/13/2013	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	71	150	
2012/13-3	MO-SIM	srgt environ	3/13/2013	Organic	Triphenylphosphate	n/a	=	0.528	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-SIM	srgt environ, rec	3/13/2013	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	71	150	
2012/13-3	MO-SIM	srgt environ	3/15/2013	Organic	Triphenylphosphate	n/a	=	3.26	µg/L	EPA 525.2	-88	-88			GN
2012/13-3	MO-SIM	srgt environ, rec	3/15/2013	Organic	Triphenylphosphate	n/a	=	65	%	EPA 525.2	-88	-88	71	150	GN
2012/13-3	MO-SPA	srgt environ	3/15/2013	Organic	Triphenylphosphate	n/a	=	3.28	µg/L	EPA 525.2	-88	-88			GN
2012/13-3	MO-SPA	srgt environ, rec	3/15/2013	Organic	Triphenylphosphate	n/a	=	56	%	EPA 525.2	-88	-88	71	150	GN
2012/13-3	MO-THO	srgt environ	3/13/2013	Organic	Triphenylphosphate	n/a	=	0.517	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-THO	srgt environ, rec	3/13/2013	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2	-88	-88	71	150	
2012/13-3	MO-THO	srgt environ	3/15/2013	Organic	Triphenylphosphate	n/a	=	3.27	µg/L	EPA 525.2	-88	-88			GN
2012/13-3	MO-THO	srgt environ, rec	3/15/2013	Organic	Triphenylphosphate	n/a	=	65	%	EPA 525.2	-88	-88	71	150	GN
2012/13-3	MO-VEN	srgt environ	3/15/2013	Organic	Triphenylphosphate	n/a	=	3.33	µg/L	EPA 525.2	-88	-88			GN
2012/13-3	MO-VEN	srgt environ, rec	3/15/2013	Organic	Triphenylphosphate	n/a	=	67	%	EPA 525.2	-88	-88	71	150	GN
2012/13-3	MO-VEN	srgt environ	3/15/2013	Organic	Triphenylphosphate	n/a	=	0.507	µg/L	EPA 525.2	-88	-88			
2012/13-3	MO-VEN	srgt environ, rec	3/15/2013	Organic	Triphenylphosphate	n/a	=	101	%	EPA 525.2	-88	-88	71	150	
2012/13-3	000NONPJ	srgt matrix spike	3/13/2013	PCB	PCB 209	n/a	=	0.082	µg/L	EPA 608	-88	-88			QAX
2012/13-3	000NONPJ	srgt matrix spike, rec	3/13/2013	PCB	PCB 209	n/a	=	82	%	EPA 608	-88	-88	0.1	154	QAX
2012/13-3	000NONPJ	srgt matrix spike dup	3/13/2013	PCB	PCB 209	n/a	=	0.0805	µg/L	EPA 608	-88	-88			QAX
2012/13-3	000NONPJ	srgt matrix spike dup, rec	3/13/2013	PCB	PCB 209	n/a	=	81	%	EPA 608	-88	-88	0.1	154	QAX
2012/13-3	Lab	srgt method blank	3/13/2013	PCB	PCB 209	n/a	=	0.0735	µg/L	EPA 608	-88	-88			
2012/13-3	Lab	srgt method blank, rec	3/13/2013	PCB	PCB 209	n/a	=	74	%	EPA 608	-88	-88	0.1	154	
2012/13-3	Lab	srgt LCS	3/13/2013	PCB	PCB 209	n/a	=	0.076	µg/L	EPA 608	-88	-88			
2012/13-3	Lab	srgt LCS, rec	3/13/2013	PCB	PCB 209	n/a	=	76	%	EPA 608	-88	-88	0.1	154	
2012/13-3	ME-CC	srgt environ	3/14/2013	PCB	PCB 209	n/a	=	0.0628	µg/L	EPA 608	-88	-88			
2012/13-3	ME-CC	srgt environ, rec	3/14/2013	PCB	PCB 209	n/a	=	63	%	EPA 608	-88	-88	0.1	154	
2012/13-3	ME-SCR	srgt environ	3/14/2013	PCB	PCB 209	n/a	=	0.0625	µg/L	EPA 608	-88	-88			
2012/13-3	ME-SCR	srgt environ, rec	3/14/2013	PCB	PCB 209	n/a	=	62	%	EPA 608	-88	-88	0.1	154	
2012/13-3	MO-CAM	srgt environ	3/14/2013	PCB	PCB 209	n/a	=	0.0266	µg/L	EPA 608	-88	-88			
2012/13-3	MO-CAM	srgt environ, rec	3/14/2013	PCB	PCB 209	n/a	=	27	%	EPA 608	-88	-88	0.1	154	
2012/13-3	MO-FIL	srgt environ	3/14/2013	PCB	PCB 209	n/a	=	0.0523	µg/L	EPA 608	-88	-88			
2012/13-3	MO-FIL	srgt environ, rec	3/14/2013	PCB	PCB 209	n/a	=	52	%	EPA 608	-88	-88	0.1	154	
2012/13-3	MO-HUE	srgt environ	3/14/2013	PCB	PCB 209	n/a	=	0.0489	µg/L	EPA 608	-88	-88			
2012/13-3	MO-HUE	srgt environ, rec	3/14/2013	PCB	PCB 209	n/a	=	49	%	EPA 608	-88	-88	0.1	154	
2012/13-3	MO-OXN	srgt environ	3/14/2013	PCB	PCB 209	n/a	=	0.0183	µg/L	EPA 608	-88	-88			
2012/13-3	MO-OXN	srgt environ, rec	3/14/2013	PCB	PCB 209	n/a	=	18	%	EPA 608	-88	-88	0.1	154	
2012/13-3	MO-SIM	srgt environ	3/14/2013	PCB	PCB 209	n/a	=	0.0527	µg/L	EPA 608	-88	-88			
2012/13-3	MO-SIM	srgt environ, rec	3/14/2013	PCB	PCB 209	n/a	=	47	%	EPA 608	-88	-88	0.1	154	
2012/13-3	MO-SPA	srgt environ	3/14/2013	PCB	PCB 209	n/a	=	0.019	µg/L	EPA 608	-88	-88			
2012/13-3	MO-SPA	srgt environ, rec	3/14/2013	PCB	PCB 209	n/a	=	17	%	EPA 608	-88	-88	0.1	154	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	MO-THO	srgt environ	3/14/2013	PCB	PCB 209	n/a	=	0.0459	µg/L	EPA 608	-88	-88			
2012/13-3	MO-THO	srgt environ, rec	3/14/2013	PCB	PCB 209	n/a	=	46	%	EPA 608	-88	-88	0.1	154	
2012/13-3	MO-VEN	srgt environ	3/14/2013	PCB	PCB 209	n/a	=	0.0332	µg/L	EPA 608	-88	-88			
2012/13-3	MO-VEN	srgt environ, rec	3/14/2013	PCB	PCB 209	n/a	=	33	%	EPA 608	-88	-88	0.1	154	
2012/13-3	Lab	method blank	3/13/2013	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			
2012/13-3	Lab	method blank	3/13/2013	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2012/13-3	Lab	method blank	3/13/2013	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			
2012/13-3	Lab	method blank	3/13/2013	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			
2012/13-3	Lab	method blank	3/13/2013	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			
2012/13-3	Lab	method blank	3/13/2013	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2012/13-3	Lab	method blank	3/13/2013	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			
2012/13-3	Lab	method blank	2/26/2013	Pesticide	2,4,5-T	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.2			
2012/13-3	Lab	LCS	2/26/2013	Pesticide	2,4,5-T	n/a	=	3.72	µg/L	EPA 515.3	0.07	0.2			
2012/13-3	Lab	LCS, rec	2/26/2013	Pesticide	2,4,5-T	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike	2/26/2013	Pesticide	2,4,5-T	n/a	=	3.8	µg/L	EPA 515.3	0.07	0.2			
2012/13-3	ME-CC	matrix spike, rec	2/26/2013	Pesticide	2,4,5-T	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike dup	2/26/2013	Pesticide	2,4,5-T	n/a	=	3.89	µg/L	EPA 515.3	0.07	0.2			
2012/13-3	ME-CC	matrix spike dup, rec	2/26/2013	Pesticide	2,4,5-T	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike, RPD	2/26/2013	Pesticide	2,4,5-T	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-3	ME-SCR	matrix spike	2/26/2013	Pesticide	2,4,5-T	n/a	=	3.8	µg/L	EPA 515.3	0.07	0.2			
2012/13-3	ME-SCR	matrix spike, rec	2/26/2013	Pesticide	2,4,5-T	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	2/26/2013	Pesticide	2,4,5-T	n/a	=	3.78	µg/L	EPA 515.3	0.07	0.2			
2012/13-3	ME-SCR	matrix spike dup, rec	2/26/2013	Pesticide	2,4,5-T	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	2/26/2013	Pesticide	2,4,5-T	n/a	=	0.4	%	EPA 515.3	-88	-88	0	30	
2012/13-3	Lab	method blank	2/26/2013	Pesticide	2,4,5-TP	n/a	<	0.09	µg/L	EPA 515.3	0.09	0.2			
2012/13-3	Lab	LCS	2/26/2013	Pesticide	2,4,5-TP	n/a	=	3.94	µg/L	EPA 515.3	0.09	0.2			
2012/13-3	Lab	LCS, rec	2/26/2013	Pesticide	2,4,5-TP	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike	2/26/2013	Pesticide	2,4,5-TP	n/a	=	4.12	µg/L	EPA 515.3	0.09	0.2			
2012/13-3	ME-CC	matrix spike, rec	2/26/2013	Pesticide	2,4,5-TP	n/a	=	103	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike dup	2/26/2013	Pesticide	2,4,5-TP	n/a	=	4.28	µg/L	EPA 515.3	0.09	0.2			
2012/13-3	ME-CC	matrix spike dup, rec	2/26/2013	Pesticide	2,4,5-TP	n/a	=	107	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike, RPD	2/26/2013	Pesticide	2,4,5-TP	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2012/13-3	ME-SCR	matrix spike	2/26/2013	Pesticide	2,4,5-TP	n/a	=	4.24	µg/L	EPA 515.3	0.09	0.2			
2012/13-3	ME-SCR	matrix spike, rec	2/26/2013	Pesticide	2,4,5-TP	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	2/26/2013	Pesticide	2,4,5-TP	n/a	=	4.25	µg/L	EPA 515.3	0.09	0.2			
2012/13-3	ME-SCR	matrix spike dup, rec	2/26/2013	Pesticide	2,4,5-TP	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	2/26/2013	Pesticide	2,4,5-TP	n/a	=	0.2	%	EPA 515.3	-88	-88	0	30	
2012/13-3	Lab	method blank	2/26/2013	Pesticide	2,4-D	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.4			
2012/13-3	Lab	LCS	2/26/2013	Pesticide	2,4-D	n/a	=	8.73	µg/L	EPA 515.3	0.07	0.4			
2012/13-3	Lab	LCS, rec	2/26/2013	Pesticide	2,4-D	n/a	=	109	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike	2/26/2013	Pesticide	2,4-D	n/a	=	9.32	µg/L	EPA 515.3	0.07	0.4			
2012/13-3	ME-CC	matrix spike, rec	2/26/2013	Pesticide	2,4-D	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike dup	2/26/2013	Pesticide	2,4-D	n/a	=	9.82	µg/L	EPA 515.3	0.07	0.4			
2012/13-3	ME-CC	matrix spike dup, rec	2/26/2013	Pesticide	2,4-D	n/a	=	123	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike, RPD	2/26/2013	Pesticide	2,4-D	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2012/13-3	ME-SCR	matrix spike	2/26/2013	Pesticide	2,4-D	n/a	=	9.21	µg/L	EPA 515.3	0.07	0.4			
2012/13-3	ME-SCR	matrix spike, rec	2/26/2013	Pesticide	2,4-D	n/a	=	115	%	EPA 515.3	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	ME-SCR	matrix spike dup	2/26/2013	Pesticide	2,4-D	n/a	=	9.26	µg/L	EPA 515.3	0.07	0.4			
2012/13-3	ME-SCR	matrix spike dup, rec	2/26/2013	Pesticide	2,4-D	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	2/26/2013	Pesticide	2,4-D	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2012/13-3	Lab	method blank	2/26/2013	Pesticide	2,4-DB	n/a	<	0.07	µg/L	EPA 515.3	0.07	2			
2012/13-3	Lab	LCS	2/26/2013	Pesticide	2,4-DB	n/a	=	16.6	µg/L	EPA 515.3	0.07	2			
2012/13-3	Lab	LCS, rec	2/26/2013	Pesticide	2,4-DB	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike	2/26/2013	Pesticide	2,4-DB	n/a	=	15.4	µg/L	EPA 515.3	0.07	2			
2012/13-3	ME-CC	matrix spike, rec	2/26/2013	Pesticide	2,4-DB	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike dup	2/26/2013	Pesticide	2,4-DB	n/a	=	15.9	µg/L	EPA 515.3	0.07	2			
2012/13-3	ME-CC	matrix spike dup, rec	2/26/2013	Pesticide	2,4-DB	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike, RPD	2/26/2013	Pesticide	2,4-DB	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2012/13-3	ME-SCR	matrix spike	2/26/2013	Pesticide	2,4-DB	n/a	=	16.2	µg/L	EPA 515.3	0.07	2			
2012/13-3	ME-SCR	matrix spike, rec	2/26/2013	Pesticide	2,4-DB	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	2/26/2013	Pesticide	2,4-DB	n/a	=	19.2	µg/L	EPA 515.3	0.07	2			
2012/13-3	ME-SCR	matrix spike dup, rec	2/26/2013	Pesticide	2,4-DB	n/a	=	120	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	2/26/2013	Pesticide	2,4-DB	n/a	=	17	%	EPA 515.3	-88	-88	0	30	
2012/13-3	Lab	method blank	2/26/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.09	µg/L	EPA 515.3	0.09	1			
2012/13-3	Lab	LCS	2/26/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.58	µg/L	EPA 515.3	0.09	1			
2012/13-3	Lab	LCS, rec	2/26/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike	2/26/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.64	µg/L	EPA 515.3	0.09	1			
2012/13-3	ME-CC	matrix spike, rec	2/26/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike dup	2/26/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.92	µg/L	EPA 515.3	0.09	1			
2012/13-3	ME-CC	matrix spike dup, rec	2/26/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike, RPD	2/26/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-3	ME-SCR	matrix spike	2/26/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.86	µg/L	EPA 515.3	0.09	1			
2012/13-3	ME-SCR	matrix spike, rec	2/26/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	2/26/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	7.85	µg/L	EPA 515.3	0.09	1			
2012/13-3	ME-SCR	matrix spike dup, rec	2/26/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	98	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	2/26/2013	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.1	%	EPA 515.3	-88	-88	0	30	
2012/13-3	000NONPJ	matrix spike	3/13/2013	Pesticide	4,4'-DDD	n/a	=	0.0992	µg/L	EPA 608	0.003	0.05			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/13/2013	Pesticide	4,4'-DDD	n/a	=	99	%	EPA 608	-88	-88	31	141	QAX
2012/13-3	000NONPJ	matrix spike dup	3/13/2013	Pesticide	4,4'-DDD	n/a	=	0.0956	µg/L	EPA 608	0.003	0.05			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/13/2013	Pesticide	4,4'-DDD	n/a	=	96	%	EPA 608	-88	-88	31	141	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/13/2013	Pesticide	4,4'-DDD	n/a	=	4	%	EPA 608	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/13/2013	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	4,4'-DDD	n/a	=	0.0819	µg/L	EPA 608	0.003	0.05			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	4,4'-DDD	n/a	=	82	%	EPA 608	-88	-88	30	141	
2012/13-3	000NONPJ	matrix spike	3/13/2013	Pesticide	4,4'-DDE	n/a	=	0.0944	µg/L	EPA 608	0.0025	0.05			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/13/2013	Pesticide	4,4'-DDE	n/a	=	94	%	EPA 608	-88	-88	30	145	QAX
2012/13-3	000NONPJ	matrix spike dup	3/13/2013	Pesticide	4,4'-DDE	n/a	=	0.0938	µg/L	EPA 608	0.0025	0.05			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/13/2013	Pesticide	4,4'-DDE	n/a	=	94	%	EPA 608	-88	-88	30	145	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/13/2013	Pesticide	4,4'-DDE	n/a	=	0.6	%	EPA 608	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/13/2013	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	4,4'-DDE	n/a	=	0.0862	µg/L	EPA 608	0.0025	0.05			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	4,4'-DDE	n/a	=	86	%	EPA 608	-88	-88	30	145	
2012/13-3	000NONPJ	matrix spike	3/13/2013	Pesticide	4,4'-DDT	n/a	=	0.146	µg/L	EPA 608	0.0031	0.01			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/13/2013	Pesticide	4,4'-DDT	n/a	=	146	%	EPA 608	-88	-88	25	160	QAX

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	000NONPJ	matrix spike dup	3/13/2013	Pesticide	4,4'-DDT	n/a	=	0.144	µg/L	EPA 608	0.0031	0.01			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/13/2013	Pesticide	4,4'-DDT	n/a	=	144	%	EPA 608	-88	-88	25	160	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/13/2013	Pesticide	4,4'-DDT	n/a	=	2	%	EPA 608	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/13/2013	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	4,4'-DDT	n/a	=	0.123	µg/L	EPA 608	0.0031	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	4,4'-DDT	n/a	=	123	%	EPA 608	-88	-88	25	160	
2012/13-3	Lab	method blank	2/26/2013	Pesticide	Acifluorfen	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.4			
2012/13-3	Lab	LCS	2/26/2013	Pesticide	Acifluorfen	n/a	=	3.62	µg/L	EPA 515.3	0.06	0.4			
2012/13-3	Lab	LCS, rec	2/26/2013	Pesticide	Acifluorfen	n/a	=	90	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike	2/26/2013	Pesticide	Acifluorfen	n/a	=	3.95	µg/L	EPA 515.3	0.06	0.4			
2012/13-3	ME-CC	matrix spike, rec	2/26/2013	Pesticide	Acifluorfen	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike dup	2/26/2013	Pesticide	Acifluorfen	n/a	=	3.86	µg/L	EPA 515.3	0.06	0.4			
2012/13-3	ME-CC	matrix spike dup, rec	2/26/2013	Pesticide	Acifluorfen	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike, RPD	2/26/2013	Pesticide	Acifluorfen	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-3	ME-SCR	matrix spike	2/26/2013	Pesticide	Acifluorfen	n/a	=	3.88	µg/L	EPA 515.3	0.06	0.4			
2012/13-3	ME-SCR	matrix spike, rec	2/26/2013	Pesticide	Acifluorfen	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	2/26/2013	Pesticide	Acifluorfen	n/a	=	3.85	µg/L	EPA 515.3	0.06	0.4			
2012/13-3	ME-SCR	matrix spike dup, rec	2/26/2013	Pesticide	Acifluorfen	n/a	=	96	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	2/26/2013	Pesticide	Acifluorfen	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2012/13-3	Lab	method blank	3/14/2013	Pesticide	Alachlor	n/a	<	0.022	µg/L	EPA 525.2	0.022	0.1			
2012/13-3	Lab	LCS	3/14/2013	Pesticide	Alachlor	n/a	=	4.77	µg/L	EPA 525.2	0.022	0.1			
2012/13-3	Lab	LCS, rec	3/14/2013	Pesticide	Alachlor	n/a	=	95	%	EPA 525.2	-88	-88	58	164	
2012/13-3	MO-HUE	matrix spike	3/14/2013	Pesticide	Alachlor	n/a	=	5.16	µg/L	EPA 525.2	0.022	0.1			
2012/13-3	MO-HUE	matrix spike, rec	3/14/2013	Pesticide	Alachlor	n/a	=	103	%	EPA 525.2	-88	-88	58	177	
2012/13-3	MO-HUE	matrix spike dup	3/14/2013	Pesticide	Alachlor	n/a	=	5.65	µg/L	EPA 525.2	0.022	0.1			
2012/13-3	MO-HUE	matrix spike dup, rec	3/14/2013	Pesticide	Alachlor	n/a	=	113	%	EPA 525.2	-88	-88	58	177	
2012/13-3	MO-HUE	matrix spike, RPD	3/14/2013	Pesticide	Alachlor	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2012/13-3	000NONPJ	matrix spike	3/13/2013	Pesticide	Aldrin	n/a	=	0.0991	µg/L	EPA 608	0.0015	0.005			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/13/2013	Pesticide	Aldrin	n/a	=	99	%	EPA 608	-88	-88	42	122	QAX
2012/13-3	000NONPJ	matrix spike dup	3/13/2013	Pesticide	Aldrin	n/a	=	0.0958	µg/L	EPA 608	0.0015	0.005			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/13/2013	Pesticide	Aldrin	n/a	=	96	%	EPA 608	-88	-88	42	122	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/13/2013	Pesticide	Aldrin	n/a	=	3	%	EPA 608	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Aldrin	n/a	=	0.0842	µg/L	EPA 608	0.0015	0.005			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Aldrin	n/a	=	84	%	EPA 608	-88	-88	42	122	
2012/13-3	000NONPJ	matrix spike	3/13/2013	Pesticide	alpha-BHC	n/a	=	0.0983	µg/L	EPA 608	0.0018	0.01			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/13/2013	Pesticide	alpha-BHC	n/a	=	98	%	EPA 608	-88	-88	37	134	QAX
2012/13-3	000NONPJ	matrix spike dup	3/13/2013	Pesticide	alpha-BHC	n/a	=	0.0977	µg/L	EPA 608	0.0018	0.01			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/13/2013	Pesticide	alpha-BHC	n/a	=	98	%	EPA 608	-88	-88	37	134	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/13/2013	Pesticide	alpha-BHC	n/a	=	0.6	%	EPA 608	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/13/2013	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	alpha-BHC	n/a	=	0.0851	µg/L	EPA 608	0.0018	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	alpha-BHC	n/a	=	85	%	EPA 608	-88	-88	37	134	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			
2012/13-3	Lab	method blank	3/14/2013	Pesticide	Atrazine	n/a	<	0.034	µg/L	EPA 525.2	0.034	0.1			
2012/13-3	Lab	LCS	3/14/2013	Pesticide	Atrazine	n/a	=	5.55	µg/L	EPA 525.2	0.034	0.1			
2012/13-3	Lab	LCS, rec	3/14/2013	Pesticide	Atrazine	n/a	=	111	%	EPA 525.2	-88	-88	68	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	
2012/13-3	MO-HUE	matrix spike	3/14/2013	Pesticide	Atrazine	n/a	=	5.74	µg/L	EPA 525.2	0.034	0.1			
2012/13-3	MO-HUE	matrix spike, rec	3/14/2013	Pesticide	Atrazine	n/a	=	115	%	EPA 525.2	-88	-88	53	142	
2012/13-3	MO-HUE	matrix spike dup	3/14/2013	Pesticide	Atrazine	n/a	=	5.79	µg/L	EPA 525.2	0.034	0.1			
2012/13-3	MO-HUE	matrix spike dup, rec	3/14/2013	Pesticide	Atrazine	n/a	=	116	%	EPA 525.2	-88	-88	53	142	
2012/13-3	MO-HUE	matrix spike, RPD	3/14/2013	Pesticide	Atrazine	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Azinphos methyl	n/a	=	0.0161	µg/L	EPA 525.2	0.0055	0.01			EUM
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Azinphos methyl	n/a	=	32	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Azinphos methyl	n/a	=	0.025	µg/L	EPA 525.2	0.0055	0.01			
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Azinphos methyl	n/a	=	50	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Azinphos methyl	n/a	=	0.0228	µg/L	EPA 525.2	0.0055	0.01			GB
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Azinphos methyl	n/a	=	46	%	EPA 525.2	-88	-88	50	150	GB
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Azinphos methyl	n/a	=	8	%	EPA 525.2	-88	-88	0	25	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Azinphos methyl	n/a	=	0.0249	µg/L	EPA 525.2	0.0055	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Azinphos methyl	n/a	=	50	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Azinphos methyl	n/a	=	0.0266	µg/L	EPA 525.2	0.0055	0.01			
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Azinphos methyl	n/a	=	53	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Azinphos methyl	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Azinphos methyl	n/a	=	0.0279	µg/L	EPA 525.2	0.0055	0.01			
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Azinphos methyl	n/a	=	56	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	2/26/2013	Pesticide	Bentazon	n/a	<	0.11	µg/L	EPA 515.3	0.11	2			
2012/13-3	Lab	LCS	2/26/2013	Pesticide	Bentazon	n/a	=	14.9	µg/L	EPA 515.3	0.11	2			
2012/13-3	Lab	LCS, rec	2/26/2013	Pesticide	Bentazon	n/a	=	93	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike	2/26/2013	Pesticide	Bentazon	n/a	=	14.8	µg/L	EPA 515.3	0.11	2			
2012/13-3	ME-CC	matrix spike, rec	2/26/2013	Pesticide	Bentazon	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike dup	2/26/2013	Pesticide	Bentazon	n/a	=	15.5	µg/L	EPA 515.3	0.11	2			
2012/13-3	ME-CC	matrix spike dup, rec	2/26/2013	Pesticide	Bentazon	n/a	=	97	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike, RPD	2/26/2013	Pesticide	Bentazon	n/a	=	5	%	EPA 515.3	-88	-88	0	30	
2012/13-3	ME-SCR	matrix spike	2/26/2013	Pesticide	Bentazon	n/a	=	14.6	µg/L	EPA 515.3	0.11	2			
2012/13-3	ME-SCR	matrix spike, rec	2/26/2013	Pesticide	Bentazon	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	2/26/2013	Pesticide	Bentazon	n/a	=	14.5	µg/L	EPA 515.3	0.11	2			
2012/13-3	ME-SCR	matrix spike dup, rec	2/26/2013	Pesticide	Bentazon	n/a	=	91	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	2/26/2013	Pesticide	Bentazon	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	
2012/13-3	000NONPJ	matrix spike	3/13/2013	Pesticide	beta-BHC	n/a	=	0.1	µg/L	EPA 608	0.0031	0.005			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/13/2013	Pesticide	beta-BHC	n/a	=	100	%	EPA 608	-88	-88	17	147	QAX
2012/13-3	000NONPJ	matrix spike dup	3/13/2013	Pesticide	beta-BHC	n/a	=	0.101	µg/L	EPA 608	0.0031	0.005			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/13/2013	Pesticide	beta-BHC	n/a	=	101	%	EPA 608	-88	-88	17	147	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/13/2013	Pesticide	beta-BHC	n/a	=	1	%	EPA 608	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/13/2013	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	beta-BHC	n/a	=	0.0875	µg/L	EPA 608	0.0031	0.005			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	beta-BHC	n/a	=	88	%	EPA 608	-88	-88	14	147	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Bolstar	n/a	=	0.0461	µg/L	EPA 525.2	0.0046	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Bolstar	n/a	=	92	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Bolstar	n/a	=	0.0404	µg/L	EPA 525.2	0.0046	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Bolstar	n/a	=	81	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Bolstar	n/a	=	0.0416	µg/L	EPA 525.2	0.0046	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Bolstar	n/a	=	83	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Bolstar	n/a	=	5	%	EPA 525.2	-88	-88	0	25	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Bolstar	n/a	=	0.0438	µg/L	EPA 525.2	0.0046	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Bolstar	n/a	=	88	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Bolstar	n/a	=	0.0432	µg/L	EPA 525.2	0.0046	0.01			
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Bolstar	n/a	=	86	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Bolstar	n/a	=	17	%	EPA 525.2	-88	-88	0	25	
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Bolstar	n/a	=	0.051	µg/L	EPA 525.2	0.0046	0.01			
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Bolstar	n/a	=	102	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/14/2013	Pesticide	Bromacil	n/a	<	0.038	µg/L	EPA 525.2	0.038	1			
2012/13-3	Lab	LCS	3/14/2013	Pesticide	Bromacil	n/a	=	5.05	µg/L	EPA 525.2	0.038	1			
2012/13-3	Lab	LCS, rec	3/14/2013	Pesticide	Bromacil	n/a	=	101	%	EPA 525.2	-88	-88	43	177	
2012/13-3	MO-HUE	matrix spike	3/14/2013	Pesticide	Bromacil	n/a	=	5.98	µg/L	EPA 525.2	0.038	1			
2012/13-3	MO-HUE	matrix spike, rec	3/14/2013	Pesticide	Bromacil	n/a	=	120	%	EPA 525.2	-88	-88	71	182	
2012/13-3	MO-HUE	matrix spike dup	3/14/2013	Pesticide	Bromacil	n/a	=	5.41	µg/L	EPA 525.2	0.038	1			
2012/13-3	MO-HUE	matrix spike dup, rec	3/14/2013	Pesticide	Bromacil	n/a	=	108	%	EPA 525.2	-88	-88	71	182	
2012/13-3	MO-HUE	matrix spike, RPD	3/14/2013	Pesticide	Bromacil	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2012/13-3	Lab	method blank	3/14/2013	Pesticide	Butachlor	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.2			
2012/13-3	Lab	LCS	3/14/2013	Pesticide	Butachlor	n/a	=	4.5	µg/L	EPA 525.2	0.017	0.2			
2012/13-3	Lab	LCS, rec	3/14/2013	Pesticide	Butachlor	n/a	=	90	%	EPA 525.2	-88	-88	55	178	
2012/13-3	MO-HUE	matrix spike	3/14/2013	Pesticide	Butachlor	n/a	=	5.23	µg/L	EPA 525.2	0.017	0.2			
2012/13-3	MO-HUE	matrix spike, rec	3/14/2013	Pesticide	Butachlor	n/a	=	105	%	EPA 525.2	-88	-88	67	181	
2012/13-3	MO-HUE	matrix spike dup	3/14/2013	Pesticide	Butachlor	n/a	=	5.46	µg/L	EPA 525.2	0.017	0.2			
2012/13-3	MO-HUE	matrix spike dup, rec	3/14/2013	Pesticide	Butachlor	n/a	=	109	%	EPA 525.2	-88	-88	67	181	
2012/13-3	MO-HUE	matrix spike, RPD	3/14/2013	Pesticide	Butachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	
2012/13-3	Lab	method blank	3/14/2013	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			
2012/13-3	Lab	LCS	3/14/2013	Pesticide	Captan	n/a	=	2.43	µg/L	EPA 525.2	0.86	1			
2012/13-3	Lab	LCS, rec	3/14/2013	Pesticide	Captan	n/a	=	49	%	EPA 525.2	-88	-88	20	215	
2012/13-3	MO-HUE	matrix spike	3/14/2013	Pesticide	Captan	n/a	=	5.05	µg/L	EPA 525.2	0.86	1			
2012/13-3	MO-HUE	matrix spike, rec	3/14/2013	Pesticide	Captan	n/a	=	101	%	EPA 525.2	-88	-88	45	182	
2012/13-3	MO-HUE	matrix spike dup	3/14/2013	Pesticide	Captan	n/a	=	3.79	µg/L	EPA 525.2	0.86	1			
2012/13-3	MO-HUE	matrix spike dup, rec	3/14/2013	Pesticide	Captan	n/a	=	76	%	EPA 525.2	-88	-88	45	182	
2012/13-3	MO-HUE	matrix spike, RPD	3/14/2013	Pesticide	Captan	n/a	=	29	%	EPA 525.2	-88	-88	0	30	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			
2012/13-3	Lab	method blank	3/14/2013	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			
2012/13-3	Lab	LCS	3/14/2013	Pesticide	Chloropropham	n/a	=	6.43	µg/L	EPA 525.2	0.01	0.1			
2012/13-3	Lab	LCS, rec	3/14/2013	Pesticide	Chloropropham	n/a	=	129	%	EPA 525.2	-88	-88	74	133	
2012/13-3	MO-HUE	matrix spike	3/14/2013	Pesticide	Chloropropham	n/a	=	7.43	µg/L	EPA 525.2	0.01	0.1			GB
2012/13-3	MO-HUE	matrix spike, rec	3/14/2013	Pesticide	Chloropropham	n/a	=	149	%	EPA 525.2	-88	-88	76	137	GB
2012/13-3	MO-HUE	matrix spike dup	3/14/2013	Pesticide	Chloropropham	n/a	=	8.12	µg/L	EPA 525.2	0.01	0.1			GB
2012/13-3	MO-HUE	matrix spike dup, rec	3/14/2013	Pesticide	Chloropropham	n/a	=	162	%	EPA 525.2	-88	-88	76	137	GB
2012/13-3	MO-HUE	matrix spike, RPD	3/14/2013	Pesticide	Chloropropham	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Chlorpyrifos	n/a	=	0.0615	µg/L	EPA 525.2	0.0069	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Chlorpyrifos	n/a	=	123	%	EPA 525.2	-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	
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Chlorpyrifos	n/a	=	0.0501	µg/L	EPA 525.2	0.0069	0.01			
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Chlorpyrifos	n/a	=	100	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Chlorpyrifos	n/a	=	0.0415	µg/L	EPA 525.2	0.0069	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Chlorpyrifos	n/a	=	83	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Chlorpyrifos	n/a	=	10	%	EPA 525.2	-88	-88	0	25	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Chlorpyrifos	n/a	=	0.0461	µg/L	EPA 525.2	0.0069	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Chlorpyrifos	n/a	=	92	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Chlorpyrifos	n/a	=	0.0494	µg/L	EPA 525.2	0.0069	0.01			
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Chlorpyrifos	n/a	=	99	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Chlorpyrifos	n/a	=	10	%	EPA 525.2	-88	-88	0	25	
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Chlorpyrifos	n/a	=	0.0546	µg/L	EPA 525.2	0.0069	0.01			
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Chlorpyrifos	n/a	=	109	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Coumaphos	n/a	=	0.0483	µg/L	EPA 525.2	0.0051	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Coumaphos	n/a	=	97	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Coumaphos	n/a	=	0.0428	µg/L	EPA 525.2	0.0051	0.01			
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Coumaphos	n/a	=	86	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Coumaphos	n/a	=	0.039	µg/L	EPA 525.2	0.0051	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Coumaphos	n/a	=	78	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Coumaphos	n/a	=	8	%	EPA 525.2	-88	-88	0	25	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Coumaphos	n/a	=	0.0424	µg/L	EPA 525.2	0.0051	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Coumaphos	n/a	=	85	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Coumaphos	n/a	=	0.0417	µg/L	EPA 525.2	0.0051	0.01			
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Coumaphos	n/a	=	83	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Coumaphos	n/a	=	11	%	EPA 525.2	-88	-88	0	25	
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Coumaphos	n/a	=	0.0375	µg/L	EPA 525.2	0.0051	0.01			
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Coumaphos	n/a	=	75	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/14/2013	Pesticide	Cyanazine	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2012/13-3	Lab	LCS	3/14/2013	Pesticide	Cyanazine	n/a	=	4.89	µg/L	EPA 525.2	0.024	0.1			
2012/13-3	Lab	LCS, rec	3/14/2013	Pesticide	Cyanazine	n/a	=	98	%	EPA 525.2	-88	-88	69	131	
2012/13-3	MO-HUE	matrix spike	3/14/2013	Pesticide	Cyanazine	n/a	=	2.72	µg/L	EPA 525.2	0.024	0.1			
2012/13-3	MO-HUE	matrix spike, rec	3/14/2013	Pesticide	Cyanazine	n/a	=	54	%	EPA 525.2	-88	-88	26	145	
2012/13-3	MO-HUE	matrix spike dup	3/14/2013	Pesticide	Cyanazine	n/a	=	2.55	µg/L	EPA 525.2	0.024	0.1			
2012/13-3	MO-HUE	matrix spike dup, rec	3/14/2013	Pesticide	Cyanazine	n/a	=	51	%	EPA 525.2	-88	-88	26	145	
2012/13-3	MO-HUE	matrix spike, RPD	3/14/2013	Pesticide	Cyanazine	n/a	=	6	%	EPA 525.2	-88	-88	0	30	
2012/13-3	Lab	method blank	2/26/2013	Pesticide	Dalapon	n/a	<	0.1	µg/L	EPA 515.3	0.1	0.4			
2012/13-3	Lab	LCS	2/26/2013	Pesticide	Dalapon	n/a	=	6.58	µg/L	EPA 515.3	0.1	0.4			
2012/13-3	Lab	LCS, rec	2/26/2013	Pesticide	Dalapon	n/a	=	82	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike	2/26/2013	Pesticide	Dalapon	n/a	=	6.72	µg/L	EPA 515.3	0.1	0.4			
2012/13-3	ME-CC	matrix spike, rec	2/26/2013	Pesticide	Dalapon	n/a	=	84	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike dup	2/26/2013	Pesticide	Dalapon	n/a	=	7	µg/L	EPA 515.3	0.1	0.4			
2012/13-3	ME-CC	matrix spike dup, rec	2/26/2013	Pesticide	Dalapon	n/a	=	88	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike, RPD	2/26/2013	Pesticide	Dalapon	n/a	=	4	%	EPA 515.3	-88	-88	0	30	
2012/13-3	ME-SCR	matrix spike	2/26/2013	Pesticide	Dalapon	n/a	=	9.12	µg/L	EPA 515.3	0.1	0.4			
2012/13-3	ME-SCR	matrix spike, rec	2/26/2013	Pesticide	Dalapon	n/a	=	114	%	EPA 515.3	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	ME-SCR	matrix spike dup	2/26/2013	Pesticide	Dalapon	n/a	=	10	µg/L	EPA 515.3	0.1	0.4			
2012/13-3	ME-SCR	matrix spike dup, rec	2/26/2013	Pesticide	Dalapon	n/a	=	125	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	2/26/2013	Pesticide	Dalapon	n/a	=	10	%	EPA 515.3	-88	-88	0	30	
2012/13-3	Lab	method blank	2/26/2013	Pesticide	DCPA (Dacthal)	n/a	<	0.07	µg/L	EPA 515.3	0.07	0.1			
2012/13-3	Lab	LCS	2/26/2013	Pesticide	DCPA (Dacthal)	n/a	=	3.16	µg/L	EPA 515.3	0.07	0.1			
2012/13-3	Lab	LCS, rec	2/26/2013	Pesticide	DCPA (Dacthal)	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike	2/26/2013	Pesticide	DCPA (Dacthal)	n/a	=	4.22	µg/L	EPA 515.3	0.07	0.1			
2012/13-3	ME-CC	matrix spike, rec	2/26/2013	Pesticide	DCPA (Dacthal)	n/a	=	76	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike dup	2/26/2013	Pesticide	DCPA (Dacthal)	n/a	=	4.32	µg/L	EPA 515.3	0.07	0.1			
2012/13-3	ME-CC	matrix spike dup, rec	2/26/2013	Pesticide	DCPA (Dacthal)	n/a	=	79	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike, RPD	2/26/2013	Pesticide	DCPA (Dacthal)	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-3	ME-SCR	matrix spike	2/26/2013	Pesticide	DCPA (Dacthal)	n/a	=	3.45	µg/L	EPA 515.3	0.07	0.1			
2012/13-3	ME-SCR	matrix spike, rec	2/26/2013	Pesticide	DCPA (Dacthal)	n/a	=	86	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	2/26/2013	Pesticide	DCPA (Dacthal)	n/a	=	3.46	µg/L	EPA 515.3	0.07	0.1			
2012/13-3	ME-SCR	matrix spike dup, rec	2/26/2013	Pesticide	DCPA (Dacthal)	n/a	=	87	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	2/26/2013	Pesticide	DCPA (Dacthal)	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2012/13-3	000NONPJ	matrix spike	3/13/2013	Pesticide	delta-BHC	n/a	=	0.103	µg/L	EPA 608	0.0025	0.005			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/13/2013	Pesticide	delta-BHC	n/a	=	103	%	EPA 608	-88	-88	19	140	QAX
2012/13-3	000NONPJ	matrix spike dup	3/13/2013	Pesticide	delta-BHC	n/a	=	0.105	µg/L	EPA 608	0.0025	0.005			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/13/2013	Pesticide	delta-BHC	n/a	=	105	%	EPA 608	-88	-88	19	140	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/13/2013	Pesticide	delta-BHC	n/a	=	2	%	EPA 608	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/13/2013	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	delta-BHC	n/a	=	0.0827	µg/L	EPA 608	0.0025	0.005			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	delta-BHC	n/a	=	83	%	EPA 608	-88	-88	19	140	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Demeton-O	n/a	=	0.0466	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Demeton-O	n/a	=	93	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Demeton-O	n/a	=	0.0471	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Demeton-O	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Demeton-O	n/a	=	0.0394	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Demeton-O	n/a	=	79	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Demeton-O	n/a	=	19	%	EPA 525.2	-88	-88	0	25	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Demeton-O	n/a	=	0.0478	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Demeton-O	n/a	=	96	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Demeton-O	n/a	=	0.0467	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Demeton-O	n/a	=	93	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Demeton-O	n/a	=	9	%	EPA 525.2	-88	-88	0	25	
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Demeton-O	n/a	=	0.0514	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Demeton-O	n/a	=	103	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Demeton-S	n/a	=	0.0466	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Demeton-S	n/a	=	93	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Demeton-S	n/a	=	0.0471	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Demeton-S	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Demeton-S	n/a	=	0.0394	µg/L	EPA 525.2	0.01	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Demeton-S	n/a	=	79	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Demeton-S	n/a	=	19	%	EPA 525.2	-88	-88	0	25	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Demeton-S	n/a	=	0.0478	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Demeton-S	n/a	=	96	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Demeton-S	n/a	=	0.0467	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Demeton-S	n/a	=	93	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Demeton-S	n/a	=	9	%	EPA 525.2	-88	-88	0	25	
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Demeton-S	n/a	=	0.0514	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Demeton-S	n/a	=	103	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Diazinon	n/a	=	0.0423	µg/L	EPA 525.2	0.0052	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Diazinon	n/a	=	85	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Diazinon	n/a	=	0.0381	µg/L	EPA 525.2	0.0052	0.01			
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Diazinon	n/a	=	76	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Diazinon	n/a	=	0.0317	µg/L	EPA 525.2	0.0052	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Diazinon	n/a	=	63	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Diazinon	n/a	=	17	%	EPA 525.2	-88	-88	0	25	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Diazinon	n/a	=	0.0376	µg/L	EPA 525.2	0.0052	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Diazinon	n/a	=	75	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Diazinon	n/a	=	0.0468	µg/L	EPA 525.2	0.0052	0.01			
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Diazinon	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Diazinon	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Diazinon	n/a	=	0.0479	µg/L	EPA 525.2	0.0052	0.01			
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Diazinon	n/a	=	96	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	2/26/2013	Pesticide	Dicamba	n/a	<	0.12	µg/L	EPA 515.3	0.12	0.6			
2012/13-3	Lab	LCS	2/26/2013	Pesticide	Dicamba	n/a	=	8.46	µg/L	EPA 515.3	0.12	0.6			
2012/13-3	Lab	LCS, rec	2/26/2013	Pesticide	Dicamba	n/a	=	106	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike	2/26/2013	Pesticide	Dicamba	n/a	=	8.68	µg/L	EPA 515.3	0.12	0.6			
2012/13-3	ME-CC	matrix spike, rec	2/26/2013	Pesticide	Dicamba	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike dup	2/26/2013	Pesticide	Dicamba	n/a	=	8.81	µg/L	EPA 515.3	0.12	0.6			
2012/13-3	ME-CC	matrix spike dup, rec	2/26/2013	Pesticide	Dicamba	n/a	=	110	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike, RPD	2/26/2013	Pesticide	Dicamba	n/a	=	2	%	EPA 515.3	-88	-88	0	30	
2012/13-3	ME-SCR	matrix spike	2/26/2013	Pesticide	Dicamba	n/a	=	8.91	µg/L	EPA 515.3	0.12	0.6			
2012/13-3	ME-SCR	matrix spike, rec	2/26/2013	Pesticide	Dicamba	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	2/26/2013	Pesticide	Dicamba	n/a	=	8.87	µg/L	EPA 515.3	0.12	0.6			
2012/13-3	ME-SCR	matrix spike dup, rec	2/26/2013	Pesticide	Dicamba	n/a	=	111	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	2/26/2013	Pesticide	Dicamba	n/a	=	0.4	%	EPA 515.3	-88	-88	0	30	
2012/13-3	Lab	method blank	2/26/2013	Pesticide	Dichlorprop	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.3			
2012/13-3	Lab	LCS	2/26/2013	Pesticide	Dichlorprop	n/a	=	7.91	µg/L	EPA 515.3	0.08	0.3			
2012/13-3	Lab	LCS, rec	2/26/2013	Pesticide	Dichlorprop	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike	2/26/2013	Pesticide	Dichlorprop	n/a	=	7.36	µg/L	EPA 515.3	0.08	0.3			
2012/13-3	ME-CC	matrix spike, rec	2/26/2013	Pesticide	Dichlorprop	n/a	=	92	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike dup	2/26/2013	Pesticide	Dichlorprop	n/a	=	7.58	µg/L	EPA 515.3	0.08	0.3			
2012/13-3	ME-CC	matrix spike dup, rec	2/26/2013	Pesticide	Dichlorprop	n/a	=	95	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike, RPD	2/26/2013	Pesticide	Dichlorprop	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-3	ME-SCR	matrix spike	2/26/2013	Pesticide	Dichlorprop	n/a	=	7.98	µg/L	EPA 515.3	0.08	0.3			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	ME-SCR	matrix spike, rec	2/26/2013	Pesticide	Dichlorprop	n/a	=	100	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	2/26/2013	Pesticide	Dichlorprop	n/a	=	8.09	µg/L	EPA 515.3	0.08	0.3			
2012/13-3	ME-SCR	matrix spike dup, rec	2/26/2013	Pesticide	Dichlorprop	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	2/26/2013	Pesticide	Dichlorprop	n/a	=	1	%	EPA 515.3	-88	-88	0	30	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Dichlorvos	n/a	=	0.0461	µg/L	EPA 525.2	0.0029	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Dichlorvos	n/a	=	92	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Dichlorvos	n/a	=	0.0562	µg/L	EPA 525.2	0.0029	0.01			
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Dichlorvos	n/a	=	112	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Dichlorvos	n/a	=	0.0468	µg/L	EPA 525.2	0.0029	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Dichlorvos	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Dichlorvos	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Dichlorvos	n/a	=	0.0502	µg/L	EPA 525.2	0.0029	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Dichlorvos	n/a	=	100	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Dichlorvos	n/a	=	0.047	µg/L	EPA 525.2	0.0029	0.01			
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Dichlorvos	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Dichlorvos	n/a	=	0.4	%	EPA 525.2	-88	-88	0	25	
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Dichlorvos	n/a	=	0.0468	µg/L	EPA 525.2	0.0029	0.01			
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Dichlorvos	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2012/13-3	000NONPJ	matrix spike	3/13/2013	Pesticide	Dieldrin	n/a	=	0.106	µg/L	EPA 608	0.0021	0.01			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/13/2013	Pesticide	Dieldrin	n/a	=	106	%	EPA 608	-88	-88	36	146	QAX
2012/13-3	000NONPJ	matrix spike dup	3/13/2013	Pesticide	Dieldrin	n/a	=	0.103	µg/L	EPA 608	0.0021	0.01			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/13/2013	Pesticide	Dieldrin	n/a	=	103	%	EPA 608	-88	-88	36	146	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/13/2013	Pesticide	Dieldrin	n/a	=	3	%	EPA 608	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Dieldrin	n/a	=	0.0918	µg/L	EPA 608	0.0021	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Dieldrin	n/a	=	92	%	EPA 608	-88	-88	36	146	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Dimethoate	n/a	=	0.0661	µg/L	EPA 525.2	0.0062	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Dimethoate	n/a	=	132	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Dimethoate	n/a	=	0.0637	µg/L	EPA 525.2	0.0062	0.01			
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Dimethoate	n/a	=	127	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Dimethoate	n/a	=	0.043	µg/L	EPA 525.2	0.0062	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Dimethoate	n/a	=	86	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Dimethoate	n/a	=	17	%	EPA 525.2	-88	-88	0	25	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Dimethoate	n/a	=	0.0511	µg/L	EPA 525.2	0.0062	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Dimethoate	n/a	=	102	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Dimethoate	n/a	=	0.0595	µg/L	EPA 525.2	0.0062	0.01			
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Dimethoate	n/a	=	119	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Dimethoate	n/a	=	10	%	EPA 525.2	-88	-88	0	25	
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Dimethoate	n/a	=	0.054	µg/L	EPA 525.2	0.0062	0.01			
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Dimethoate	n/a	=	108	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	2/26/2013	Pesticide	Dinoseb	n/a	<	0.14	µg/L	EPA 515.3	0.14	0.4			
2012/13-3	Lab	LCS	2/26/2013	Pesticide	Dinoseb	n/a	=	4.41	µg/L	EPA 515.3	0.14	0.4			
2012/13-3	Lab	LCS, rec	2/26/2013	Pesticide	Dinoseb	n/a	=	110	%	EPA 515.3	-88	-88	70	130	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	ME-CC	matrix spike	2/26/2013	Pesticide	Dinoseb	n/a	=	4.47	µg/L	EPA 515.3	0.14	0.4			
2012/13-3	ME-CC	matrix spike, rec	2/26/2013	Pesticide	Dinoseb	n/a	=	112	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike dup	2/26/2013	Pesticide	Dinoseb	n/a	=	4.75	µg/L	EPA 515.3	0.14	0.4			
2012/13-3	ME-CC	matrix spike dup, rec	2/26/2013	Pesticide	Dinoseb	n/a	=	119	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike, RPD	2/26/2013	Pesticide	Dinoseb	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2012/13-3	ME-SCR	matrix spike	2/26/2013	Pesticide	Dinoseb	n/a	=	4.63	µg/L	EPA 515.3	0.14	0.4			
2012/13-3	ME-SCR	matrix spike, rec	2/26/2013	Pesticide	Dinoseb	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	2/26/2013	Pesticide	Dinoseb	n/a	=	4.61	µg/L	EPA 515.3	0.14	0.4			
2012/13-3	ME-SCR	matrix spike dup, rec	2/26/2013	Pesticide	Dinoseb	n/a	=	115	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	2/26/2013	Pesticide	Dinoseb	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	
2012/13-3	Lab	method blank	3/14/2013	Pesticide	Diphenamid	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.1			
2012/13-3	Lab	LCS	3/14/2013	Pesticide	Diphenamid	n/a	=	5.14	µg/L	EPA 525.2	0.024	0.1			
2012/13-3	Lab	LCS, rec	3/14/2013	Pesticide	Diphenamid	n/a	=	103	%	EPA 525.2	-88	-88	82	144	
2012/13-3	MO-HUE	matrix spike	3/14/2013	Pesticide	Diphenamid	n/a	=	5.6	µg/L	EPA 525.2	0.024	0.1			
2012/13-3	MO-HUE	matrix spike, rec	3/14/2013	Pesticide	Diphenamid	n/a	=	112	%	EPA 525.2	-88	-88	86	130	
2012/13-3	MO-HUE	matrix spike dup	3/14/2013	Pesticide	Diphenamid	n/a	=	4.93	µg/L	EPA 525.2	0.024	0.1			
2012/13-3	MO-HUE	matrix spike dup, rec	3/14/2013	Pesticide	Diphenamid	n/a	=	99	%	EPA 525.2	-88	-88	86	130	
2012/13-3	MO-HUE	matrix spike, RPD	3/14/2013	Pesticide	Diphenamid	n/a	=	13	%	EPA 525.2	-88	-88	0	30	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Disulfoton	n/a	=	0.048	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Disulfoton	n/a	=	96	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Disulfoton	n/a	=	0.0549	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Disulfoton	n/a	=	110	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Disulfoton	n/a	=	0.0509	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Disulfoton	n/a	=	102	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Disulfoton	n/a	=	15	%	EPA 525.2	-88	-88	0	25	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Disulfoton	n/a	=	0.0593	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Disulfoton	n/a	=	119	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Disulfoton	n/a	=	0.0496	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Disulfoton	n/a	=	99	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Disulfoton	n/a	=	18	%	EPA 525.2	-88	-88	0	25	
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Disulfoton	n/a	=	0.0593	µg/L	EPA 525.2	0.01	0.01			
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Disulfoton	n/a	=	119	%	EPA 525.2	-88	-88	50	150	
2012/13-3	000NONPJ	matrix spike	3/13/2013	Pesticide	Endosulfan I	n/a	=	0.0849	µg/L	EPA 608	0.0017	0.02			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/13/2013	Pesticide	Endosulfan I	n/a	=	85	%	EPA 608	-88	-88	45	153	QAX
2012/13-3	000NONPJ	matrix spike dup	3/13/2013	Pesticide	Endosulfan I	n/a	=	0.0834	µg/L	EPA 608	0.0017	0.02			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/13/2013	Pesticide	Endosulfan I	n/a	=	83	%	EPA 608	-88	-88	45	153	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/13/2013	Pesticide	Endosulfan I	n/a	=	2	%	EPA 608	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Endosulfan I	n/a	=	0.0746	µg/L	EPA 608	0.0017	0.02			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Endosulfan I	n/a	=	75	%	EPA 608	-88	-88	45	153	
2012/13-3	000NONPJ	matrix spike	3/13/2013	Pesticide	Endosulfan II	n/a	=	0.0911	µg/L	EPA 608	0.0019	0.01			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/13/2013	Pesticide	Endosulfan II	n/a	=	91	%	EPA 608	-88	-88	2	202	QAX
2012/13-3	000NONPJ	matrix spike dup	3/13/2013	Pesticide	Endosulfan II	n/a	=	0.0882	µg/L	EPA 608	0.0019	0.01			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/13/2013	Pesticide	Endosulfan II	n/a	=	88	%	EPA 608	-88	-88	2	202	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/13/2013	Pesticide	Endosulfan II	n/a	=	3	%	EPA 608	-88	-88	0	30	QAX

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Endosulfan II	n/a	=	0.0416	µg/L	EPA 608	0.0019	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Endosulfan II	n/a	=	42	%	EPA 608	-88	-88	2	202	
2012/13-3	000NONPJ	matrix spike	3/13/2013	Pesticide	Endosulfan sulfate	n/a	=	0.122	µg/L	EPA 608	0.008	0.05			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/13/2013	Pesticide	Endosulfan sulfate	n/a	=	122	%	EPA 608	-88	-88	26	144	QAX
2012/13-3	000NONPJ	matrix spike dup	3/13/2013	Pesticide	Endosulfan sulfate	n/a	=	0.117	µg/L	EPA 608	0.008	0.05			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/13/2013	Pesticide	Endosulfan sulfate	n/a	=	117	%	EPA 608	-88	-88	26	144	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/13/2013	Pesticide	Endosulfan sulfate	n/a	=	3	%	EPA 608	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Endosulfan sulfate	n/a	=	0.0596	µg/L	EPA 608	0.008	0.05			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Endosulfan sulfate	n/a	=	60	%	EPA 608	-88	-88	26	144	
2012/13-3	000NONPJ	matrix spike	3/13/2013	Pesticide	Endrin	n/a	=	0.143	µg/L	EPA 608	0.0028	0.01			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/13/2013	Pesticide	Endrin	n/a	=	143	%	EPA 608	-88	-88	30	147	QAX
2012/13-3	000NONPJ	matrix spike dup	3/13/2013	Pesticide	Endrin	n/a	=	0.145	µg/L	EPA 608	0.0028	0.01			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/13/2013	Pesticide	Endrin	n/a	=	145	%	EPA 608	-88	-88	30	147	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/13/2013	Pesticide	Endrin	n/a	=	1	%	EPA 608	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Endrin	n/a	=	0.106	µg/L	EPA 608	0.0028	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Endrin	n/a	=	106	%	EPA 608	-88	-88	30	147	
2012/13-3	000NONPJ	matrix spike	3/13/2013	Pesticide	Endrin aldehyde	n/a	=	0.0965	µg/L	EPA 608	0.003	0.01			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/13/2013	Pesticide	Endrin aldehyde	n/a	=	97	%	EPA 608	-88	-88	30	180	QAX
2012/13-3	000NONPJ	matrix spike dup	3/13/2013	Pesticide	Endrin aldehyde	n/a	=	0.089	µg/L	EPA 608	0.003	0.01			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/13/2013	Pesticide	Endrin aldehyde	n/a	=	89	%	EPA 608	-88	-88	30	180	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/13/2013	Pesticide	Endrin aldehyde	n/a	=	8	%	EPA 608	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Endrin aldehyde	n/a	=	0.0472	µg/L	EPA 608	0.003	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Endrin aldehyde	n/a	=	47	%	EPA 608	-88	-88	41	203	
2012/13-3	Lab	method blank	3/14/2013	Pesticide	EPTC	n/a	<	0.017	µg/L	EPA 525.2	0.017	1			
2012/13-3	Lab	LCS	3/14/2013	Pesticide	EPTC	n/a	=	5.23	µg/L	EPA 525.2	0.017	1			
2012/13-3	Lab	LCS, rec	3/14/2013	Pesticide	EPTC	n/a	=	105	%	EPA 525.2	-88	-88	75	110	
2012/13-3	MO-HUE	matrix spike	3/14/2013	Pesticide	EPTC	n/a	=	5.45	µg/L	EPA 525.2	0.017	1			
2012/13-3	MO-HUE	matrix spike, rec	3/14/2013	Pesticide	EPTC	n/a	=	109	%	EPA 525.2	-88	-88	67	119	
2012/13-3	MO-HUE	matrix spike dup	3/14/2013	Pesticide	EPTC	n/a	=	6.12	µg/L	EPA 525.2	0.017	1			GB
2012/13-3	MO-HUE	matrix spike dup, rec	3/14/2013	Pesticide	EPTC	n/a	=	122	%	EPA 525.2	-88	-88	67	119	GB
2012/13-3	MO-HUE	matrix spike, RPD	3/14/2013	Pesticide	EPTC	n/a	=	12	%	EPA 525.2	-88	-88	0	30	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Ethoprop	n/a	=	0.0559	µg/L	EPA 525.2	0.0067	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Ethoprop	n/a	=	112	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Ethoprop	n/a	=	0.0609	µg/L	EPA 525.2	0.0067	0.01			
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Ethoprop	n/a	=	122	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Ethoprop	n/a	=	0.0472	µg/L	EPA 525.2	0.0067	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Ethoprop	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Ethoprop	n/a	=	15	%	EPA 525.2	-88	-88	0	25	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Ethoprop	n/a	=	0.0551	µg/L	EPA 525.2	0.0067	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Ethoprop	n/a	=	110	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Ethoprop	n/a	=	0.0579	µg/L	EPA 525.2	0.0067	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Ethoprop	n/a	=	116	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Ethoprop	n/a	=	1	%	EPA 525.2	-88	-88	0	25	
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Ethoprop	n/a	=	0.0586	µg/L	EPA 525.2	0.0067	0.01			
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Ethoprop	n/a	=	117	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Ethyl parathion	n/a	=	0.0844	µg/L	EPA 525.2	0.0054	0.01			EUM
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Ethyl parathion	n/a	=	169	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Ethyl parathion	n/a	=	0.0746	µg/L	EPA 525.2	0.0054	0.01			
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Ethyl parathion	n/a	=	149	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Ethyl parathion	n/a	=	0.0521	µg/L	EPA 525.2	0.0054	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Ethyl parathion	n/a	=	104	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Ethyl parathion	n/a	=	3	%	EPA 525.2	-88	-88	0	25	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Ethyl parathion	n/a	=	0.0538	µg/L	EPA 525.2	0.0054	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Ethyl parathion	n/a	=	108	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Ethyl parathion	n/a	=	0.0901	µg/L	EPA 525.2	0.0054	0.01			GB
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Ethyl parathion	n/a	=	180	%	EPA 525.2	-88	-88	50	150	GB
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Ethyl parathion	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Ethyl parathion	n/a	=	0.0942	µg/L	EPA 525.2	0.0054	0.01			GB
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Ethyl parathion	n/a	=	188	%	EPA 525.2	-88	-88	50	150	GB
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Fensulfothion	n/a	=	0.0935	µg/L	EPA 525.2	0.0029	0.01			EUM
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Fensulfothion	n/a	=	187	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Fensulfothion	n/a	=	0.0783	µg/L	EPA 525.2	0.0029	0.01			EUM
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Fensulfothion	n/a	=	157	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Fensulfothion	n/a	=	0.0505	µg/L	EPA 525.2	0.0029	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Fensulfothion	n/a	=	101	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Fensulfothion	n/a	=	15	%	EPA 525.2	-88	-88	0	25	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Fensulfothion	n/a	=	0.0588	µg/L	EPA 525.2	0.0029	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Fensulfothion	n/a	=	118	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Fensulfothion	n/a	=	0.098	µg/L	EPA 525.2	0.0029	0.01			GB
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Fensulfothion	n/a	=	196	%	EPA 525.2	-88	-88	50	150	GB
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Fensulfothion	n/a	=	0.7	%	EPA 525.2	-88	-88	0	25	
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Fensulfothion	n/a	=	0.0987	µg/L	EPA 525.2	0.0029	0.01			GB
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Fensulfothion	n/a	=	197	%	EPA 525.2	-88	-88	50	150	GB
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Fenthion	n/a	=	0.0497	µg/L	EPA 525.2	0.0038	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Fenthion	n/a	=	99	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Fenthion	n/a	=	0.0516	µg/L	EPA 525.2	0.0038	0.01			
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Fenthion	n/a	=	103	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Fenthion	n/a	=	0.043	µg/L	EPA 525.2	0.0038	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Fenthion	n/a	=	86	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Fenthion	n/a	=	9	%	EPA 525.2	-88	-88	0	25	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Fenthion	n/a	=	0.0469	µg/L	EPA 525.2	0.0038	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Fenthion	n/a	=	94	%	EPA 525.2	-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	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Fenthion	n/a	=	0.0465	µg/L	EPA 525.2	0.0038	0.01			
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Fenthion	n/a	=	93	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Fenthion	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Fenthion	n/a	=	0.05	µg/L	EPA 525.2	0.0038	0.01			
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Fenthion	n/a	=	100	%	EPA 525.2	-88	-88	50	150	
2012/13-3	000NONPJ	matrix spike	3/13/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0994	µg/L	EPA 608	0.0021	0.02			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/13/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	99	%	EPA 608	-88	-88	32	127	QAX
2012/13-3	000NONPJ	matrix spike dup	3/13/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0968	µg/L	EPA 608	0.0021	0.02			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/13/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	97	%	EPA 608	-88	-88	32	127	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/13/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	3	%	EPA 608	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/13/2013	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0864	µg/L	EPA 608	0.0021	0.02			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	gamma-BHC (Lindane)	n/a	=	86	%	EPA 608	-88	-88	32	127	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			
2012/13-3	000NONPJ	matrix spike	2/25/2013	Pesticide	Glyphosate	n/a	=	18.5	µg/L	EPA 547	1.8	5			QAX
2012/13-3	000NONPJ	matrix spike	2/25/2013	Pesticide	Glyphosate	n/a	=	41.9	µg/L	EPA 547	1.8	5			QAX
2012/13-3	000NONPJ	matrix spike dup	2/25/2013	Pesticide	Glyphosate	n/a	=	42.5	µg/L	EPA 547	1.8	5			QAX
2012/13-3	000NONPJ	matrix spike dup	2/25/2013	Pesticide	Glyphosate	n/a	=	18.2	µg/L	EPA 547	1.8	5			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	2/25/2013	Pesticide	Glyphosate	n/a	=	85	%	EPA 547	-88	-88	68	134	QAX
2012/13-3	000NONPJ	matrix spike dup, rec	2/25/2013	Pesticide	Glyphosate	n/a	=	73	%	EPA 547	-88	-88	68	134	QAX
2012/13-3	000NONPJ	matrix spike, rec	2/25/2013	Pesticide	Glyphosate	n/a	=	74	%	EPA 547	-88	-88	68	134	QAX
2012/13-3	000NONPJ	matrix spike, rec	2/25/2013	Pesticide	Glyphosate	n/a	=	82	%	EPA 547	-88	-88	68	134	QAX
2012/13-3	000NONPJ	matrix spike, RPD	2/25/2013	Pesticide	Glyphosate	n/a	=	2	%	EPA 547	-88	-88	0	30	QAX
2012/13-3	000NONPJ	matrix spike, RPD	2/25/2013	Pesticide	Glyphosate	n/a	=	1	%	EPA 547	-88	-88	0	30	QAX
2012/13-3	Lab	LCS	2/25/2013	Pesticide	Glyphosate	n/a	=	23.7	µg/L	EPA 547	1.8	5			
2012/13-3	Lab	LCS, rec	2/25/2013	Pesticide	Glyphosate	n/a	=	95	%	EPA 547	-88	-88	71	137	
2012/13-3	Lab	method blank	2/25/2013	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			
2012/13-3	000NONPJ	matrix spike	3/13/2013	Pesticide	Heptachlor	n/a	=	0.129	µg/L	EPA 608	0.0017	0.01			QAX,GB
2012/13-3	000NONPJ	matrix spike, rec	3/13/2013	Pesticide	Heptachlor	n/a	=	129	%	EPA 608	-88	-88	34	111	QAX,GB
2012/13-3	000NONPJ	matrix spike dup	3/13/2013	Pesticide	Heptachlor	n/a	=	0.128	µg/L	EPA 608	0.0017	0.01			QAX,GB
2012/13-3	000NONPJ	matrix spike dup, rec	3/13/2013	Pesticide	Heptachlor	n/a	=	128	%	EPA 608	-88	-88	34	111	QAX,GB
2012/13-3	000NONPJ	matrix spike, RPD	3/13/2013	Pesticide	Heptachlor	n/a	=	0.8	%	EPA 608	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Heptachlor	n/a	=	0.109	µg/L	EPA 608	0.0017	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Heptachlor	n/a	=	109	%	EPA 608	-88	-88	34	111	
2012/13-3	000NONPJ	matrix spike	3/13/2013	Pesticide	Heptachlor epoxide	n/a	=	0.106	µg/L	EPA 608	0.0019	0.01			QAX
2012/13-3	000NONPJ	matrix spike, rec	3/13/2013	Pesticide	Heptachlor epoxide	n/a	=	106	%	EPA 608	-88	-88	37	142	QAX
2012/13-3	000NONPJ	matrix spike dup	3/13/2013	Pesticide	Heptachlor epoxide	n/a	=	0.101	µg/L	EPA 608	0.0019	0.01			QAX
2012/13-3	000NONPJ	matrix spike dup, rec	3/13/2013	Pesticide	Heptachlor epoxide	n/a	=	101	%	EPA 608	-88	-88	37	142	QAX
2012/13-3	000NONPJ	matrix spike, RPD	3/13/2013	Pesticide	Heptachlor epoxide	n/a	=	5	%	EPA 608	-88	-88	0	30	QAX
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Heptachlor epoxide	n/a	=	0.0899	µg/L	EPA 608	0.0019	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Heptachlor epoxide	n/a	=	90	%	EPA 608	-88	-88	37	142	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Malathion	n/a	=	0.0527	µg/L	EPA 525.2	0.0076	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Malathion	n/a	=	105	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Malathion	n/a	=	0.0539	µg/L	EPA 525.2	0.0076	0.01			
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Malathion	n/a	=	108	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Malathion	n/a	=	0.0392	µg/L	EPA 525.2	0.0076	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Malathion	n/a	=	78	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Malathion	n/a	=	13	%	EPA 525.2	-88	-88	0	25	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Malathion	n/a	=	0.0446	µg/L	EPA 525.2	0.0076	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Malathion	n/a	=	89	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Malathion	n/a	=	0.0537	µg/L	EPA 525.2	0.0076	0.01			
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Malathion	n/a	=	107	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Malathion	n/a	=	4	%	EPA 525.2	-88	-88	0	25	
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Malathion	n/a	=	0.0515	µg/L	EPA 525.2	0.0076	0.01			
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Malathion	n/a	=	103	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Merphos	n/a	=	0.0454	µg/L	EPA 525.2	0.0058	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Merphos	n/a	=	91	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Merphos	n/a	=	0.0395	µg/L	EPA 525.2	0.0058	0.01			
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Merphos	n/a	=	79	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Merphos	n/a	=	0.0408	µg/L	EPA 525.2	0.0058	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Merphos	n/a	=	82	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Merphos	n/a	=	11	%	EPA 525.2	-88	-88	0	25	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Merphos	n/a	=	0.0455	µg/L	EPA 525.2	0.0058	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Merphos	n/a	=	91	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Merphos	n/a	=	0.038	µg/L	EPA 525.2	0.0058	0.01			
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Merphos	n/a	=	76	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Merphos	n/a	=	11	%	EPA 525.2	-88	-88	0	25	
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Merphos	n/a	=	0.0427	µg/L	EPA 525.2	0.0058	0.01			
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Merphos	n/a	=	85	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Methyl parathion	n/a	=	0.086	µg/L	EPA 525.2	0.0063	0.01			EUM
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Methyl parathion	n/a	=	172	%	EPA 525.2	-88	-88	50	150	EUM
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Methyl parathion	n/a	=	0.0746	µg/L	EPA 525.2	0.0063	0.01			
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Methyl parathion	n/a	=	149	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Methyl parathion	n/a	=	0.0474	µg/L	EPA 525.2	0.0063	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Methyl parathion	n/a	=	95	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Methyl parathion	n/a	=	0.2	%	EPA 525.2	-88	-88	0	25	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Methyl parathion	n/a	=	0.0475	µg/L	EPA 525.2	0.0063	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Methyl parathion	n/a	=	95	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Methyl parathion	n/a	=	0.0811	µg/L	EPA 525.2	0.0063	0.01			GB
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Methyl parathion	n/a	=	162	%	EPA 525.2	-88	-88	50	150	GB
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Methyl parathion	n/a	=	8	%	EPA 525.2	-88	-88	0	25	
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Methyl parathion	n/a	=	0.075	µg/L	EPA 525.2	0.0063	0.01			
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Methyl parathion	n/a	=	150	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/14/2013	Pesticide	Metolachlor	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2012/13-3	Lab	LCS	3/14/2013	Pesticide	Metolachlor	n/a	=	4.74	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	
2012/13-3	Lab	LCS, rec	3/14/2013	Pesticide	Metolachlor	n/a	=	95	%	EPA 525.2	-88	-88	55	170	
2012/13-3	MO-HUE	matrix spike	3/14/2013	Pesticide	Metolachlor	n/a	=	5.16	µg/L	EPA 525.2	0.012	0.1			
2012/13-3	MO-HUE	matrix spike, rec	3/14/2013	Pesticide	Metolachlor	n/a	=	103	%	EPA 525.2	-88	-88	53	178	
2012/13-3	MO-HUE	matrix spike dup	3/14/2013	Pesticide	Metolachlor	n/a	=	5.65	µg/L	EPA 525.2	0.012	0.1			
2012/13-3	MO-HUE	matrix spike dup, rec	3/14/2013	Pesticide	Metolachlor	n/a	=	113	%	EPA 525.2	-88	-88	53	178	
2012/13-3	MO-HUE	matrix spike, RPD	3/14/2013	Pesticide	Metolachlor	n/a	=	9	%	EPA 525.2	-88	-88	0	30	
2012/13-3	Lab	method blank	3/14/2013	Pesticide	Metribuzin	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2012/13-3	Lab	LCS	3/14/2013	Pesticide	Metribuzin	n/a	=	4.56	µg/L	EPA 525.2	0.015	0.1			
2012/13-3	Lab	LCS, rec	3/14/2013	Pesticide	Metribuzin	n/a	=	91	%	EPA 525.2	-88	-88	44	149	
2012/13-3	MO-HUE	matrix spike	3/14/2013	Pesticide	Metribuzin	n/a	=	4.3	µg/L	EPA 525.2	0.015	0.1			
2012/13-3	MO-HUE	matrix spike, rec	3/14/2013	Pesticide	Metribuzin	n/a	=	86	%	EPA 525.2	-88	-88	64	155	
2012/13-3	MO-HUE	matrix spike dup	3/14/2013	Pesticide	Metribuzin	n/a	=	5.15	µg/L	EPA 525.2	0.015	0.1			
2012/13-3	MO-HUE	matrix spike dup, rec	3/14/2013	Pesticide	Metribuzin	n/a	=	103	%	EPA 525.2	-88	-88	64	155	
2012/13-3	MO-HUE	matrix spike, RPD	3/14/2013	Pesticide	Metribuzin	n/a	=	18	%	EPA 525.2	-88	-88	0	30	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Mevinphos	n/a	=	0.059	µg/L	EPA 525.2	0.0042	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Mevinphos	n/a	=	118	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Mevinphos	n/a	=	0.0587	µg/L	EPA 525.2	0.0042	0.01			
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Mevinphos	n/a	=	117	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Mevinphos	n/a	=	0.0446	µg/L	EPA 525.2	0.0042	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Mevinphos	n/a	=	89	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Mevinphos	n/a	=	13	%	EPA 525.2	-88	-88	0	25	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Mevinphos	n/a	=	0.0507	µg/L	EPA 525.2	0.0042	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Mevinphos	n/a	=	101	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Mevinphos	n/a	=	0.0671	µg/L	EPA 525.2	0.0042	0.01			
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Mevinphos	n/a	=	134	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Mevinphos	n/a	=	2	%	EPA 525.2	-88	-88	0	25	
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Mevinphos	n/a	=	0.0661	µg/L	EPA 525.2	0.0042	0.01			
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Mevinphos	n/a	=	132	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/14/2013	Pesticide	Molinate	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.1			
2012/13-3	Lab	LCS	3/14/2013	Pesticide	Molinate	n/a	=	5.36	µg/L	EPA 525.2	0.039	0.1			
2012/13-3	Lab	LCS, rec	3/14/2013	Pesticide	Molinate	n/a	=	107	%	EPA 525.2	-88	-88	76	116	
2012/13-3	MO-HUE	matrix spike	3/14/2013	Pesticide	Molinate	n/a	=	5.88	µg/L	EPA 525.2	0.039	0.1			
2012/13-3	MO-HUE	matrix spike, rec	3/14/2013	Pesticide	Molinate	n/a	=	118	%	EPA 525.2	-88	-88	68	125	
2012/13-3	MO-HUE	matrix spike dup	3/14/2013	Pesticide	Molinate	n/a	=	5.99	µg/L	EPA 525.2	0.039	0.1			
2012/13-3	MO-HUE	matrix spike dup, rec	3/14/2013	Pesticide	Molinate	n/a	=	120	%	EPA 525.2	-88	-88	68	125	
2012/13-3	MO-HUE	matrix spike, RPD	3/14/2013	Pesticide	Molinate	n/a	=	2	%	EPA 525.2	-88	-88	0	30	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Naled	n/a	=	0.0503	µg/L	EPA 525.2	0.0076	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Naled	n/a	=	101	%	EPA 525.2	-88	-88	5	150	
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Naled	n/a	=	0.0517	µg/L	EPA 525.2	0.0076	0.01			
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Naled	n/a	=	103	%	EPA 525.2	-88	-88	5	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Naled	n/a	=	0.0279	µg/L	EPA 525.2	0.0076	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Naled	n/a	=	56	%	EPA 525.2	-88	-88	5	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Naled	n/a	=	58	%	EPA 525.2	-88	-88	0	25	IL

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Naled	n/a	=	0.0153	µg/L	EPA 525.2	0.0076	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Naled	n/a	=	31	%	EPA 525.2	-88	-88	5	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Naled	n/a	=	0.084	µg/L	EPA 525.2	0.0076	0.01			GB
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Naled	n/a	=	168	%	EPA 525.2	-88	-88	5	150	GB
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Naled	n/a	=	40	%	EPA 525.2	-88	-88	0	25	IL
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Naled	n/a	=	0.056	µg/L	EPA 525.2	0.0076	0.01			
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Naled	n/a	=	112	%	EPA 525.2	-88	-88	5	150	
2012/13-3	Lab	method blank	2/26/2013	Pesticide	Pentachlorophenol	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.2			
2012/13-3	Lab	LCS	2/26/2013	Pesticide	Pentachlorophenol	n/a	=	3.94	µg/L	EPA 515.3	0.04	0.2			
2012/13-3	Lab	LCS, rec	2/26/2013	Pesticide	Pentachlorophenol	n/a	=	99	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike	2/26/2013	Pesticide	Pentachlorophenol	n/a	=	4.04	µg/L	EPA 515.3	0.04	0.2			
2012/13-3	ME-CC	matrix spike, rec	2/26/2013	Pesticide	Pentachlorophenol	n/a	=	101	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike dup	2/26/2013	Pesticide	Pentachlorophenol	n/a	=	4.14	µg/L	EPA 515.3	0.04	0.2			
2012/13-3	ME-CC	matrix spike dup, rec	2/26/2013	Pesticide	Pentachlorophenol	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike, RPD	2/26/2013	Pesticide	Pentachlorophenol	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-3	ME-SCR	matrix spike	2/26/2013	Pesticide	Pentachlorophenol	n/a	=	4.15	µg/L	EPA 515.3	0.04	0.2			
2012/13-3	ME-SCR	matrix spike, rec	2/26/2013	Pesticide	Pentachlorophenol	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	2/26/2013	Pesticide	Pentachlorophenol	n/a	=	4.16	µg/L	EPA 515.3	0.04	0.2			
2012/13-3	ME-SCR	matrix spike dup, rec	2/26/2013	Pesticide	Pentachlorophenol	n/a	=	104	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	2/26/2013	Pesticide	Pentachlorophenol	n/a	=	0.2	%	EPA 515.3	-88	-88	0	30	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Phorate	n/a	=	0.0436	µg/L	EPA 525.2	0.003	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Phorate	n/a	=	87	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Phorate	n/a	=	0.0538	µg/L	EPA 525.2	0.003	0.01			
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Phorate	n/a	=	108	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Phorate	n/a	=	0.0349	µg/L	EPA 525.2	0.003	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Phorate	n/a	=	70	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Phorate	n/a	=	43	%	EPA 525.2	-88	-88	0	25	IL
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Phorate	n/a	=	0.0542	µg/L	EPA 525.2	0.003	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Phorate	n/a	=	108	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Phorate	n/a	=	0.0593	µg/L	EPA 525.2	0.003	0.01			
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Phorate	n/a	=	119	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Phorate	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Phorate	n/a	=	0.0636	µg/L	EPA 525.2	0.003	0.01			
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Phorate	n/a	=	127	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	2/26/2013	Pesticide	Picloram	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.6			
2012/13-3	Lab	LCS	2/26/2013	Pesticide	Picloram	n/a	=	4.3	µg/L	EPA 515.3	0.05	0.6			
2012/13-3	Lab	LCS, rec	2/26/2013	Pesticide	Picloram	n/a	=	108	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike	2/26/2013	Pesticide	Picloram	n/a	=	4.65	µg/L	EPA 515.3	0.05	0.6			
2012/13-3	ME-CC	matrix spike, rec	2/26/2013	Pesticide	Picloram	n/a	=	116	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike dup	2/26/2013	Pesticide	Picloram	n/a	=	4.94	µg/L	EPA 515.3	0.05	0.6			
2012/13-3	ME-CC	matrix spike dup, rec	2/26/2013	Pesticide	Picloram	n/a	=	124	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-CC	matrix spike, RPD	2/26/2013	Pesticide	Picloram	n/a	=	6	%	EPA 515.3	-88	-88	0	30	
2012/13-3	ME-SCR	matrix spike	2/26/2013	Pesticide	Picloram	n/a	=	4.58	µg/L	EPA 515.3	0.05	0.6			
2012/13-3	ME-SCR	matrix spike, rec	2/26/2013	Pesticide	Picloram	n/a	=	114	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike dup	2/26/2013	Pesticide	Picloram	n/a	=	4.7	µg/L	EPA 515.3	0.05	0.6			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	ME-SCR	matrix spike dup, rec	2/26/2013	Pesticide	Picloram	n/a	=	118	%	EPA 515.3	-88	-88	70	130	
2012/13-3	ME-SCR	matrix spike, RPD	2/26/2013	Pesticide	Picloram	n/a	=	3	%	EPA 515.3	-88	-88	0	30	
2012/13-3	Lab	method blank	3/14/2013	Pesticide	Prometon	n/a	<	0.024	µg/L	EPA 525.2	0.024	0.2			
2012/13-3	Lab	LCS	3/14/2013	Pesticide	Prometon	n/a	=	2.22	µg/L	EPA 525.2	0.024	0.2			
2012/13-3	Lab	LCS, rec	3/14/2013	Pesticide	Prometon	n/a	=	44	%	EPA 525.2	-88	-88	6	110	
2012/13-3	MO-HUE	matrix spike	3/14/2013	Pesticide	Prometon	n/a	=	4.08	µg/L	EPA 525.2	0.024	0.2			
2012/13-3	MO-HUE	matrix spike, rec	3/14/2013	Pesticide	Prometon	n/a	=	82	%	EPA 525.2	-88	-88	5	148	
2012/13-3	MO-HUE	matrix spike dup	3/14/2013	Pesticide	Prometon	n/a	=	4.78	µg/L	EPA 525.2	0.024	0.2			
2012/13-3	MO-HUE	matrix spike dup, rec	3/14/2013	Pesticide	Prometon	n/a	=	96	%	EPA 525.2	-88	-88	5	148	
2012/13-3	MO-HUE	matrix spike, RPD	3/14/2013	Pesticide	Prometon	n/a	=	16	%	EPA 525.2	-88	-88	0	30	
2012/13-3	Lab	method blank	3/14/2013	Pesticide	Prometryn	n/a	<	0.036	µg/L	EPA 525.2	0.036	0.1			
2012/13-3	Lab	LCS	3/14/2013	Pesticide	Prometryn	n/a	=	4.67	µg/L	EPA 525.2	0.036	0.1			
2012/13-3	Lab	LCS, rec	3/14/2013	Pesticide	Prometryn	n/a	=	93	%	EPA 525.2	-88	-88	34	152	
2012/13-3	MO-HUE	matrix spike	3/14/2013	Pesticide	Prometryn	n/a	=	4.84	µg/L	EPA 525.2	0.036	0.1			
2012/13-3	MO-HUE	matrix spike, rec	3/14/2013	Pesticide	Prometryn	n/a	=	97	%	EPA 525.2	-88	-88	44	169	
2012/13-3	MO-HUE	matrix spike dup	3/14/2013	Pesticide	Prometryn	n/a	=	5.56	µg/L	EPA 525.2	0.036	0.1			
2012/13-3	MO-HUE	matrix spike dup, rec	3/14/2013	Pesticide	Prometryn	n/a	=	111	%	EPA 525.2	-88	-88	44	169	
2012/13-3	MO-HUE	matrix spike, RPD	3/14/2013	Pesticide	Prometryn	n/a	=	14	%	EPA 525.2	-88	-88	0	30	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.045	µg/L	EPA 525.2	0.0041	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	90	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.043	µg/L	EPA 525.2	0.0041	0.01			
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	86	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0388	µg/L	EPA 525.2	0.0041	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	78	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	8	%	EPA 525.2	-88	-88	0	25	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0419	µg/L	EPA 525.2	0.0041	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	84	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.043	µg/L	EPA 525.2	0.0041	0.01			
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	86	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	1	%	EPA 525.2	-88	-88	0	25	
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0437	µg/L	EPA 525.2	0.0041	0.01			
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Ronnel (Fenchlorphos)	n/a	=	87	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/14/2013	Pesticide	Simazine	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.1			
2012/13-3	Lab	LCS	3/14/2013	Pesticide	Simazine	n/a	=	4.8	µg/L	EPA 525.2	0.015	0.1			
2012/13-3	Lab	LCS, rec	3/14/2013	Pesticide	Simazine	n/a	=	96	%	EPA 525.2	-88	-88	54	156	
2012/13-3	MO-HUE	matrix spike	3/14/2013	Pesticide	Simazine	n/a	=	4.39	µg/L	EPA 525.2	0.015	0.1			
2012/13-3	MO-HUE	matrix spike, rec	3/14/2013	Pesticide	Simazine	n/a	=	88	%	EPA 525.2	-88	-88	53	152	
2012/13-3	MO-HUE	matrix spike dup	3/14/2013	Pesticide	Simazine	n/a	=	5.34	µg/L	EPA 525.2	0.015	0.1			
2012/13-3	MO-HUE	matrix spike dup, rec	3/14/2013	Pesticide	Simazine	n/a	=	107	%	EPA 525.2	-88	-88	53	152	
2012/13-3	MO-HUE	matrix spike, RPD	3/14/2013	Pesticide	Simazine	n/a	=	20	%	EPA 525.2	-88	-88	0	30	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.043	µg/L	EPA 525.2	0.0031	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	86	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0457	µg/L	EPA 525.2	0.0031	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	91	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0347	µg/L	EPA 525.2	0.0031	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	69	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.09	%	EPA 525.2	-88	-88	0	25	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0347	µg/L	EPA 525.2	0.0031	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	69	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0336	µg/L	EPA 525.2	0.0031	0.01			
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	67	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	36	%	EPA 525.2	-88	-88	0	25	IL
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0234	µg/L	EPA 525.2	0.0031	0.01			GB
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	47	%	EPA 525.2	-88	-88	50	150	GB
2012/13-3	Lab	method blank	3/14/2013	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			
2012/13-3	Lab	LCS	3/14/2013	Pesticide	Terbacil	n/a	=	4.89	µg/L	EPA 525.2	0.55	2			
2012/13-3	Lab	LCS, rec	3/14/2013	Pesticide	Terbacil	n/a	=	98	%	EPA 525.2	-88	-88	66	140	
2012/13-3	MO-HUE	matrix spike	3/14/2013	Pesticide	Terbacil	n/a	=	5.92	µg/L	EPA 525.2	0.55	2			
2012/13-3	MO-HUE	matrix spike, rec	3/14/2013	Pesticide	Terbacil	n/a	=	118	%	EPA 525.2	-88	-88	56	159	
2012/13-3	MO-HUE	matrix spike dup	3/14/2013	Pesticide	Terbacil	n/a	=	5.28	µg/L	EPA 525.2	0.55	2			
2012/13-3	MO-HUE	matrix spike dup, rec	3/14/2013	Pesticide	Terbacil	n/a	=	106	%	EPA 525.2	-88	-88	56	159	
2012/13-3	MO-HUE	matrix spike, RPD	3/14/2013	Pesticide	Terbacil	n/a	=	11	%	EPA 525.2	-88	-88	0	30	
2012/13-3	Lab	method blank	3/14/2013	Pesticide	Thiobencarb	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.2			
2012/13-3	Lab	LCS	3/14/2013	Pesticide	Thiobencarb	n/a	=	4.63	µg/L	EPA 525.2	0.025	0.2			
2012/13-3	Lab	LCS, rec	3/14/2013	Pesticide	Thiobencarb	n/a	=	93	%	EPA 525.2	-88	-88	57	162	
2012/13-3	MO-HUE	matrix spike	3/14/2013	Pesticide	Thiobencarb	n/a	=	4.8	µg/L	EPA 525.2	0.025	0.2			
2012/13-3	MO-HUE	matrix spike, rec	3/14/2013	Pesticide	Thiobencarb	n/a	=	96	%	EPA 525.2	-88	-88	71	160	
2012/13-3	MO-HUE	matrix spike dup	3/14/2013	Pesticide	Thiobencarb	n/a	=	5.28	µg/L	EPA 525.2	0.025	0.2			
2012/13-3	MO-HUE	matrix spike dup, rec	3/14/2013	Pesticide	Thiobencarb	n/a	=	106	%	EPA 525.2	-88	-88	71	160	
2012/13-3	MO-HUE	matrix spike, RPD	3/14/2013	Pesticide	Thiobencarb	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Tokuthion	n/a	=	0.0425	µg/L	EPA 525.2	0.0078	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Tokuthion	n/a	=	85	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Tokuthion	n/a	=	0.0329	µg/L	EPA 525.2	0.0078	0.01			
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Tokuthion	n/a	=	66	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Tokuthion	n/a	=	0.0377	µg/L	EPA 525.2	0.0078	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Tokuthion	n/a	=	75	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Tokuthion	n/a	=	10	%	EPA 525.2	-88	-88	0	25	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Tokuthion	n/a	=	0.0416	µg/L	EPA 525.2	0.0078	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Tokuthion	n/a	=	83	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Tokuthion	n/a	=	0.0456	µg/L	EPA 525.2	0.0078	0.01			
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Tokuthion	n/a	=	91	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Tokuthion	n/a	=	11	%	EPA 525.2	-88	-88	0	25	
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Tokuthion	n/a	=	0.0507	µg/L	EPA 525.2	0.0078	0.01			
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Tokuthion	n/a	=	101	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			
2012/13-3	Lab	method blank	3/13/2013	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2012/13-3	Lab	LCS	3/13/2013	Pesticide	Trichloronate	n/a	=	0.0473	µg/L	EPA 525.2	0.0067	0.01			
2012/13-3	Lab	LCS, rec	3/13/2013	Pesticide	Trichloronate	n/a	=	95	%	EPA 525.2	-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	
2012/13-3	Lab	method blank	3/15/2013	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			
2012/13-3	Lab	LCS	3/15/2013	Pesticide	Trichloronate	n/a	=	0.0408	µg/L	EPA 525.2	0.0067	0.01			
2012/13-3	Lab	LCS, rec	3/15/2013	Pesticide	Trichloronate	n/a	=	82	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike dup	3/15/2013	Pesticide	Trichloronate	n/a	=	0.0437	µg/L	EPA 525.2	0.0067	0.01			
2012/13-3	ME-SCR	matrix spike dup, rec	3/15/2013	Pesticide	Trichloronate	n/a	=	87	%	EPA 525.2	-88	-88	50	150	
2012/13-3	ME-SCR	matrix spike, RPD	3/15/2013	Pesticide	Trichloronate	n/a	=	7	%	EPA 525.2	-88	-88	0	25	
2012/13-3	ME-SCR	matrix spike	3/15/2013	Pesticide	Trichloronate	n/a	=	0.047	µg/L	EPA 525.2	0.0067	0.01			
2012/13-3	ME-SCR	matrix spike, rec	3/15/2013	Pesticide	Trichloronate	n/a	=	94	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike dup	3/13/2013	Pesticide	Trichloronate	n/a	=	0.0499	µg/L	EPA 525.2	0.0067	0.01			
2012/13-3	MO-SIM	matrix spike dup, rec	3/13/2013	Pesticide	Trichloronate	n/a	=	100	%	EPA 525.2	-88	-88	50	150	
2012/13-3	MO-SIM	matrix spike, RPD	3/13/2013	Pesticide	Trichloronate	n/a	=	6	%	EPA 525.2	-88	-88	0	25	
2012/13-3	MO-SIM	matrix spike	3/13/2013	Pesticide	Trichloronate	n/a	=	0.0528	µg/L	EPA 525.2	0.0067	0.01			
2012/13-3	MO-SIM	matrix spike, rec	3/13/2013	Pesticide	Trichloronate	n/a	=	106	%	EPA 525.2	-88	-88	50	150	
2012/13-3	Lab	method blank	3/14/2013	Pesticide	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.1			
2012/13-3	Lab	LCS	3/14/2013	Pesticide	Trithion	n/a	=	4.77	µg/L	EPA 525.2	0.012	0.1			
2012/13-3	Lab	LCS, rec	3/14/2013	Pesticide	Trithion	n/a	=	95	%	EPA 525.2	-88	-88	62	149	
2012/13-3	MO-HUE	matrix spike	3/14/2013	Pesticide	Trithion	n/a	=	4.91	µg/L	EPA 525.2	0.012	0.1			
2012/13-3	MO-HUE	matrix spike, rec	3/14/2013	Pesticide	Trithion	n/a	=	98	%	EPA 525.2	-88	-88	86	144	
2012/13-3	MO-HUE	matrix spike dup	3/14/2013	Pesticide	Trithion	n/a	=	5.45	µg/L	EPA 525.2	0.012	0.1			
2012/13-3	MO-HUE	matrix spike dup, rec	3/14/2013	Pesticide	Trithion	n/a	=	109	%	EPA 525.2	-88	-88	86	144	
2012/13-3	MO-HUE	matrix spike, RPD	3/14/2013	Pesticide	Trithion	n/a	=	10	%	EPA 525.2	-88	-88	0	30	
2012/13-4	Lab	LCS	3/19/2013	Anion	Chloride	n/a	=	3.9	mg/L	EPA 300.0	0.1	0.5			
2012/13-4	Lab	LCS, rec	3/19/2013	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	90	110	
2012/13-4	Lab	method blank	3/19/2013	Anion	Chloride	n/a	<	0.1	mg/L	EPA 300.0	0.1	0.5			
2012/13-4	MO-OXN	matrix spike	3/19/2013	Anion	Chloride	n/a	=	67.7	mg/L	EPA 300.0	1	5			D
2012/13-4	MO-OXN	matrix spike dup	3/19/2013	Anion	Chloride	n/a	=	68.4	mg/L	EPA 300.0	1	5			D
2012/13-4	MO-OXN	matrix spike dup, rec	3/19/2013	Anion	Chloride	n/a	=	99	%	EPA 300.0	-88	-88	72	118	D
2012/13-4	MO-OXN	matrix spike, rec	3/19/2013	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	72	118	D
2012/13-4	MO-OXN	matrix spike, RPD	3/19/2013	Anion	Chloride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	D
2012/13-4	MO-THO	matrix spike	3/19/2013	Anion	Chloride	n/a	=	119	mg/L	EPA 300.0	1	5			D
2012/13-4	MO-THO	matrix spike dup	3/19/2013	Anion	Chloride	n/a	=	119	mg/L	EPA 300.0	1	5			D
2012/13-4	MO-THO	matrix spike dup, rec	3/19/2013	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	72	118	D
2012/13-4	MO-THO	matrix spike, rec	3/19/2013	Anion	Chloride	n/a	=	95	%	EPA 300.0	-88	-88	72	118	D
2012/13-4	MO-THO	matrix spike, RPD	3/19/2013	Anion	Chloride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	D
2012/13-4	Lab	LCS	3/19/2013	Anion	Fluoride	n/a	=	2.06	mg/L	EPA 300.0	0.02	0.1			
2012/13-4	Lab	LCS, rec	3/19/2013	Anion	Fluoride	n/a	=	103	%	EPA 300.0	-88	-88	90	110	
2012/13-4	Lab	method blank	3/19/2013	Anion	Fluoride	n/a	<	0.02	mg/L	EPA 300.0	0.02	0.1			
2012/13-4	MO-OXN	matrix spike	3/19/2013	Anion	Fluoride	n/a	=	20.2	mg/L	EPA 300.0	0.2	1			D
2012/13-4	MO-OXN	matrix spike dup	3/19/2013	Anion	Fluoride	n/a	=	20.3	mg/L	EPA 300.0	0.2	1			D
2012/13-4	MO-OXN	matrix spike dup, rec	3/19/2013	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	79	109	D
2012/13-4	MO-OXN	matrix spike, rec	3/19/2013	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	79	109	D
2012/13-4	MO-OXN	matrix spike, RPD	3/19/2013	Anion	Fluoride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	D
2012/13-4	MO-THO	matrix spike	3/19/2013	Anion	Fluoride	n/a	=	19.4	mg/L	EPA 300.0	0.2	1			D
2012/13-4	MO-THO	matrix spike dup	3/19/2013	Anion	Fluoride	n/a	=	19.4	mg/L	EPA 300.0	0.2	1			D
2012/13-4	MO-THO	matrix spike dup, rec	3/19/2013	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	79	109	D
2012/13-4	MO-THO	matrix spike, rec	3/19/2013	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	79	109	D
2012/13-4	MO-THO	matrix spike, RPD	3/19/2013	Anion	Fluoride	n/a	=	0.4	%	EPA 300.0	-88	-88	0	20	D

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	000NONPJ	matrix spike	3/20/2013	Anion	Perchlorate	n/a	=	11.2	µg/L	EPA 314.0	0.95	2			
2012/13-4	000NONPJ	matrix spike dup	3/20/2013	Anion	Perchlorate	n/a	=	11.3	µg/L	EPA 314.0	0.95	2			
2012/13-4	000NONPJ	matrix spike dup, rec	3/20/2013	Anion	Perchlorate	n/a	=	113	%	EPA 314.0	-88	-88	80	120	
2012/13-4	000NONPJ	matrix spike, rec	3/20/2013	Anion	Perchlorate	n/a	=	112	%	EPA 314.0	-88	-88	80	120	
2012/13-4	000NONPJ	matrix spike, RPD	3/20/2013	Anion	Perchlorate	n/a	=	0.8	%	EPA 314.0	-88	-88	0	15	
2012/13-4	Lab	LCS	3/19/2013	Anion	Perchlorate	n/a	=	9.44	µg/L	EPA 314.0	0.95	2			
2012/13-4	Lab	LCS, rec	3/19/2013	Anion	Perchlorate	n/a	=	94	%	EPA 314.0	-88	-88	85	115	
2012/13-4	Lab	method blank	3/19/2013	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2012/13-4	Lab	LCS	3/20/2013	Anion	Perchlorate	n/a	=	10.4	µg/L	EPA 314.0	0.95	2			
2012/13-4	Lab	LCS, rec	3/20/2013	Anion	Perchlorate	n/a	=	104	%	EPA 314.0	-88	-88	85	115	
2012/13-4	Lab	method blank	3/20/2013	Anion	Perchlorate	n/a	<	0.95	µg/L	EPA 314.0	0.95	2			
2012/13-4	MO-OXN	matrix spike	3/19/2013	Anion	Perchlorate	n/a	=	22.4	µg/L	EPA 314.0	1.9	4			D
2012/13-4	MO-OXN	matrix spike dup	3/19/2013	Anion	Perchlorate	n/a	=	23.9	µg/L	EPA 314.0	1.9	4			D
2012/13-4	MO-OXN	matrix spike dup, rec	3/19/2013	Anion	Perchlorate	n/a	=	120	%	EPA 314.0	-88	-88	80	120	D
2012/13-4	MO-OXN	matrix spike, rec	3/19/2013	Anion	Perchlorate	n/a	=	112	%	EPA 314.0	-88	-88	80	120	D
2012/13-4	MO-OXN	matrix spike, RPD	3/19/2013	Anion	Perchlorate	n/a	=	7	%	EPA 314.0	-88	-88	0	15	D
2012/13-4	000NONPJ	matrix spike	3/14/2013	Cation	Calcium	Total	=	63.4	mg/L	EPA 200.7	0.0156	0.1			
2012/13-4	000NONPJ	matrix spike, rec	3/14/2013	Cation	Calcium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike dup	3/14/2013	Cation	Calcium	Total	=	62.4	mg/L	EPA 200.7	0.0156	0.1			
2012/13-4	000NONPJ	matrix spike dup, rec	3/14/2013	Cation	Calcium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike, RPD	3/14/2013	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2012/13-4	Lab	method blank	3/14/2013	Cation	Calcium	Total	<	0.0156	mg/L	EPA 200.7	0.0156	0.1			
2012/13-4	Lab	LCS	3/14/2013	Cation	Calcium	Total	=	49.5	mg/L	EPA 200.7	0.0156	0.1			
2012/13-4	Lab	LCS, rec	3/14/2013	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2012/13-4	Lab	method blank	3/14/2013	Cation	Calcium	Total	<	0.0156	mg/L	EPA 200.7	0.0156	0.1			
2012/13-4	Lab	LCS	3/14/2013	Cation	Calcium	Total	=	50.1	mg/L	EPA 200.7	0.0156	0.1			
2012/13-4	Lab	LCS, rec	3/14/2013	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	85	115	
2012/13-4	MO-OXN	matrix spike	3/14/2013	Cation	Calcium	Total	=	80.4	mg/L	EPA 200.7	0.0156	0.1			
2012/13-4	MO-OXN	matrix spike, rec	3/14/2013	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/14/2013	Cation	Calcium	Total	=	81.2	mg/L	EPA 200.7	0.0156	0.1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/14/2013	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/14/2013	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2012/13-4	MO-SPA	matrix spike	3/14/2013	Cation	Calcium	Total	=	69.5	mg/L	EPA 200.7	0.0156	0.1			
2012/13-4	MO-SPA	matrix spike, rec	3/14/2013	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2012/13-4	MO-SPA	matrix spike dup	3/14/2013	Cation	Calcium	Total	=	73.8	mg/L	EPA 200.7	0.0156	0.1			
2012/13-4	MO-SPA	matrix spike dup, rec	3/14/2013	Cation	Calcium	Total	=	105	%	EPA 200.7	-88	-88	70	130	
2012/13-4	MO-SPA	matrix spike, RPD	3/14/2013	Cation	Calcium	Total	=	6	%	EPA 200.7	-88	-88	0	30	
2012/13-4	MO-VEN	matrix spike	3/14/2013	Cation	Calcium	Total	=	93	mg/L	EPA 200.7	0.0156	0.1			
2012/13-4	MO-VEN	matrix spike, rec	3/14/2013	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	70	130	
2012/13-4	MO-VEN	matrix spike dup	3/14/2013	Cation	Calcium	Total	=	91.8	mg/L	EPA 200.7	0.0156	0.1			
2012/13-4	MO-VEN	matrix spike dup, rec	3/14/2013	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	70	130	
2012/13-4	MO-VEN	matrix spike, RPD	3/14/2013	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	
2012/13-4	000NONPJ	matrix spike	3/14/2013	Cation	Magnesium	Total	=	61	mg/L	EPA 200.7	0.0121	0.1			
2012/13-4	000NONPJ	matrix spike, rec	3/14/2013	Cation	Magnesium	Total	=	108	%	EPA 200.7	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike dup	3/14/2013	Cation	Magnesium	Total	=	59	mg/L	EPA 200.7	0.0121	0.1			
2012/13-4	000NONPJ	matrix spike dup, rec	3/14/2013	Cation	Magnesium	Total	=	104	%	EPA 200.7	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike, RPD	3/14/2013	Cation	Magnesium	Total	=	3	%	EPA 200.7	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	Lab	method blank	3/14/2013	Cation	Magnesium	Total	<	0.0121	mg/L	EPA 200.7	0.0121	0.1			
2012/13-4	Lab	LCS	3/14/2013	Cation	Magnesium	Total	=	49.3	mg/L	EPA 200.7	0.0121	0.1			
2012/13-4	Lab	LCS, rec	3/14/2013	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	85	115	
2012/13-4	Lab	method blank	3/14/2013	Cation	Magnesium	Total	<	0.0121	mg/L	EPA 200.7	0.0121	0.1			
2012/13-4	Lab	LCS	3/14/2013	Cation	Magnesium	Total	=	50.6	mg/L	EPA 200.7	0.0121	0.1			
2012/13-4	Lab	LCS, rec	3/14/2013	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	85	115	
2012/13-4	MO-OXN	matrix spike	3/14/2013	Cation	Magnesium	Total	=	60.1	mg/L	EPA 200.7	0.0121	0.1			
2012/13-4	MO-OXN	matrix spike, rec	3/14/2013	Cation	Magnesium	Total	=	102	%	EPA 200.7	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/14/2013	Cation	Magnesium	Total	=	61.9	mg/L	EPA 200.7	0.0121	0.1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/14/2013	Cation	Magnesium	Total	=	106	%	EPA 200.7	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/14/2013	Cation	Magnesium	Total	=	3	%	EPA 200.7	-88	-88	0	30	
2012/13-4	MO-SPA	matrix spike	3/14/2013	Cation	Magnesium	Total	=	56.3	mg/L	EPA 200.7	0.0121	0.1			
2012/13-4	MO-SPA	matrix spike, rec	3/14/2013	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	70	130	
2012/13-4	MO-SPA	matrix spike dup	3/14/2013	Cation	Magnesium	Total	=	59	mg/L	EPA 200.7	0.0121	0.1			
2012/13-4	MO-SPA	matrix spike dup, rec	3/14/2013	Cation	Magnesium	Total	=	107	%	EPA 200.7	-88	-88	70	130	
2012/13-4	MO-SPA	matrix spike, RPD	3/14/2013	Cation	Magnesium	Total	=	5	%	EPA 200.7	-88	-88	0	30	
2012/13-4	MO-VEN	matrix spike	3/14/2013	Cation	Magnesium	Total	=	67	mg/L	EPA 200.7	0.0121	0.1			
2012/13-4	MO-VEN	matrix spike, rec	3/14/2013	Cation	Magnesium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2012/13-4	MO-VEN	matrix spike dup	3/14/2013	Cation	Magnesium	Total	=	67.4	mg/L	EPA 200.7	0.0121	0.1			
2012/13-4	MO-VEN	matrix spike dup, rec	3/14/2013	Cation	Magnesium	Total	=	103	%	EPA 200.7	-88	-88	70	130	
2012/13-4	MO-VEN	matrix spike, RPD	3/14/2013	Cation	Magnesium	Total	=	0.5	%	EPA 200.7	-88	-88	0	30	
2012/13-4	Lab	LCS	3/22/2013	Conventional	Alkalinity as CaCO3	n/a	=	256	mg/L	SM 2320 B	0.56	10			
2012/13-4	Lab	LCS, rec	3/22/2013	Conventional	Alkalinity as CaCO3	n/a	=	102	%	SM 2320 B	-88	-88	94	108	
2012/13-4	Lab	method blank	3/22/2013	Conventional	Alkalinity as CaCO3	n/a	<	0.56	mg/L	SM 2320 B	0.56	10			
2012/13-4	MO-OXN	lab duplicate	3/22/2013	Conventional	Alkalinity as CaCO3	n/a	=	60.8	mg/L	SM 2320 B	0.56	10		15	
2012/13-4	MO-OXN	lab duplicate, RPD	3/22/2013	Conventional	Alkalinity as CaCO3	n/a	=	0.8	%	SM 2320 B	-88	-88		15	
2012/13-4	Lab	LCS	3/14/2013	Conventional	BOD	n/a	=	196	mg/L	SM 5210 B	0.1	2			
2012/13-4	Lab	LCS, rec	3/14/2013	Conventional	BOD	n/a	=	99	%	SM 5210 B	-88	-88	85	115	
2012/13-4	MO-OXN	lab duplicate	3/14/2013	Conventional	BOD	n/a	=	36.4	mg/L	SM 5210 B	0.1	2		20	
2012/13-4	MO-OXN	lab duplicate, RPD	3/14/2013	Conventional	BOD	n/a	=	1	%	SM 5210 B	-88	-88		20	
2012/13-4	000NONPJ	lab duplicate	3/20/2013	Conventional	COD	n/a	=	8760	mg/L	EPA 410.4	3.6	25			D
2012/13-4	000NONPJ	lab duplicate, RPD	3/20/2013	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88		15	D
2012/13-4	000NONPJ	matrix spike	3/20/2013	Conventional	COD	n/a	=	258	mg/L	EPA 410.4	1.5	10			D
2012/13-4	000NONPJ	matrix spike dup	3/20/2013	Conventional	COD	n/a	=	251	mg/L	EPA 410.4	1.5	10			D
2012/13-4	000NONPJ	matrix spike dup, rec	3/20/2013	Conventional	COD	n/a	=	93	%	EPA 410.4	-88	-88	90	110	D
2012/13-4	000NONPJ	matrix spike, rec	3/20/2013	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	D
2012/13-4	000NONPJ	matrix spike, RPD	3/20/2013	Conventional	COD	n/a	=	2	%	EPA 410.4	-88	-88	0	15	D
2012/13-4	Lab	LCS	3/20/2013	Conventional	COD	n/a	=	100	mg/L	EPA 410.4	0.73	5			
2012/13-4	Lab	LCS, rec	3/20/2013	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	
2012/13-4	Lab	method blank	3/20/2013	Conventional	COD	n/a	<	0.73	mg/L	EPA 410.4	0.73	5			
2012/13-4	MO-OXN	matrix spike	3/20/2013	Conventional	COD	n/a	=	2090	mg/L	EPA 410.4	1.5	10			D
2012/13-4	MO-OXN	matrix spike dup	3/20/2013	Conventional	COD	n/a	=	2090	mg/L	EPA 410.4	1.5	10			D
2012/13-4	MO-OXN	matrix spike dup, rec	3/20/2013	Conventional	COD	n/a	=	95	%	EPA 410.4	-88	-88	90	110	D
2012/13-4	MO-OXN	matrix spike, rec	3/20/2013	Conventional	COD	n/a	=	95	%	EPA 410.4	-88	-88	90	110	D
2012/13-4	MO-OXN	matrix spike, RPD	3/20/2013	Conventional	COD	n/a	=	0.1	%	EPA 410.4	-88	-88	0	15	D
2012/13-4	Lab	method blank	3/22/2013	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2012/13-4	Lab	LCS	3/22/2013	Conventional	Cyanide	Total	=	0.0448	mg/L	EPA 335.4	0.0027	0.005			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	Lab	LCS, rec	3/22/2013	Conventional	Cyanide	Total	=	99	%	EPA 335.4	-88	-88	90	110	
2012/13-4	Lab	method blank	3/22/2013	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2012/13-4	Lab	LCS	3/22/2013	Conventional	Cyanide	Total	=	0.0454	mg/L	EPA 335.4	0.0027	0.005			
2012/13-4	Lab	LCS, rec	3/22/2013	Conventional	Cyanide	Total	=	101	%	EPA 335.4	-88	-88	90	110	
2012/13-4	ME-SCR	matrix spike	3/22/2013	Conventional	Cyanide	Total	=	0.0834	mg/L	EPA 335.4	0.0027	0.005			
2012/13-4	ME-SCR	matrix spike, rec	3/22/2013	Conventional	Cyanide	Total	=	92	%	EPA 335.4	-88	-88	90	110	
2012/13-4	ME-SCR	matrix spike dup	3/22/2013	Conventional	Cyanide	Total	=	0.0898	mg/L	EPA 335.4	0.0027	0.005			
2012/13-4	ME-SCR	matrix spike dup, rec	3/22/2013	Conventional	Cyanide	Total	=	100	%	EPA 335.4	-88	-88	90	110	
2012/13-4	ME-SCR	matrix spike, RPD	3/22/2013	Conventional	Cyanide	Total	=	7	%	EPA 335.4	-88	-88	0	20	
2012/13-4	ME-VR2	matrix spike	3/22/2013	Conventional	Cyanide	Total	=	0.0885	mg/L	EPA 335.4	0.0027	0.005			
2012/13-4	ME-VR2	matrix spike dup	3/22/2013	Conventional	Cyanide	Total	=	0.0885	mg/L	EPA 335.4	0.0027	0.005			
2012/13-4	ME-VR2	matrix spike dup, rec	3/22/2013	Conventional	Cyanide	Total	=	98	%	EPA 335.4	-88	-88	90	110	
2012/13-4	ME-VR2	matrix spike, rec	3/22/2013	Conventional	Cyanide	Total	=	98	%	EPA 335.4	-88	-88	90	110	
2012/13-4	ME-VR2	matrix spike, RPD	3/22/2013	Conventional	Cyanide	Total	=	0	%	EPA 335.4	-88	-88	0	20	
2012/13-4	MO-HUE	matrix spike	3/22/2013	Conventional	Cyanide	Total	=	0.0897	mg/L	EPA 335.4	0.0027	0.005			
2012/13-4	MO-HUE	matrix spike, rec	3/22/2013	Conventional	Cyanide	Total	=	99	%	EPA 335.4	-88	-88	90	110	
2012/13-4	MO-HUE	matrix spike dup	3/22/2013	Conventional	Cyanide	Total	=	0.0902	mg/L	EPA 335.4	0.0027	0.005			
2012/13-4	MO-HUE	matrix spike dup, rec	3/22/2013	Conventional	Cyanide	Total	=	100	%	EPA 335.4	-88	-88	90	110	
2012/13-4	MO-HUE	matrix spike, RPD	3/22/2013	Conventional	Cyanide	Total	=	0.6	%	EPA 335.4	-88	-88	0	20	
2012/13-4	MO-THO	matrix spike	3/22/2013	Conventional	Cyanide	Total	=	0.0896	mg/L	EPA 335.4	0.0027	0.005			
2012/13-4	MO-THO	matrix spike dup	3/22/2013	Conventional	Cyanide	Total	=	0.0912	mg/L	EPA 335.4	0.0027	0.005			
2012/13-4	MO-THO	matrix spike dup, rec	3/22/2013	Conventional	Cyanide	Total	=	101	%	EPA 335.4	-88	-88	90	110	
2012/13-4	MO-THO	matrix spike, rec	3/22/2013	Conventional	Cyanide	Total	=	99	%	EPA 335.4	-88	-88	90	110	
2012/13-4	MO-THO	matrix spike, RPD	3/22/2013	Conventional	Cyanide	Total	=	2	%	EPA 335.4	-88	-88	0	20	
2012/13-4	Lab	LCS	3/9/2013	Conventional	MBAS	n/a	=	0.188	mg/L	SM 5540 C	0.019	0.05			
2012/13-4	Lab	LCS, rec	3/9/2013	Conventional	MBAS	n/a	=	94	%	SM 5540 C	-88	-88	79	113	
2012/13-4	Lab	method blank	3/9/2013	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			
2012/13-4	MO-OXN	matrix spike	3/9/2013	Conventional	MBAS	n/a	=	6.05	mg/L	SM 5540 C	0.38	1			D
2012/13-4	MO-OXN	matrix spike dup	3/9/2013	Conventional	MBAS	n/a	=	6.01	mg/L	SM 5540 C	0.38	1			D
2012/13-4	MO-OXN	matrix spike dup, rec	3/9/2013	Conventional	MBAS	n/a	=	99	%	SM 5540 C	-88	-88	77	118	D
2012/13-4	MO-OXN	matrix spike, rec	3/9/2013	Conventional	MBAS	n/a	=	100	%	SM 5540 C	-88	-88	77	118	D
2012/13-4	MO-OXN	matrix spike, RPD	3/9/2013	Conventional	MBAS	n/a	=	0.7	%	SM 5540 C	-88	-88	0	20	D
2012/13-4	000NONPJ	matrix spike	4/3/2013	Conventional	Phenolics	n/a	=	0.314	mg/L	EPA 420.4	0.0042	0.01			
2012/13-4	000NONPJ	matrix spike, rec	4/3/2013	Conventional	Phenolics	n/a	=	103	%	EPA 420.4	-88	-88	90	110	
2012/13-4	000NONPJ	matrix spike dup	4/3/2013	Conventional	Phenolics	n/a	=	0.312	mg/L	EPA 420.4	0.0042	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	4/3/2013	Conventional	Phenolics	n/a	=	102	%	EPA 420.4	-88	-88	90	110	
2012/13-4	000NONPJ	matrix spike, RPD	4/3/2013	Conventional	Phenolics	n/a	=	0.4	%	EPA 420.4	-88	-88	0	20	
2012/13-4	Lab	LCS	3/26/2013	Conventional	Phenolics	n/a	=	0.0963	mg/L	EPA 420.4	0.0042	0.01			
2012/13-4	Lab	LCS, rec	3/26/2013	Conventional	Phenolics	n/a	=	96	%	EPA 420.4	-88	-88	90	110	
2012/13-4	Lab	method blank	3/26/2013	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2012/13-4	Lab	LCS	4/3/2013	Conventional	Phenolics	n/a	=	0.0969	mg/L	EPA 420.4	0.0042	0.01			
2012/13-4	Lab	LCS, rec	4/3/2013	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	
2012/13-4	Lab	method blank	4/3/2013	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2012/13-4	Lab	LCS	4/3/2013	Conventional	Phenolics	n/a	=	0.0902	mg/L	EPA 420.4	0.0042	0.01			
2012/13-4	Lab	LCS, rec	4/3/2013	Conventional	Phenolics	n/a	=	90	%	EPA 420.4	-88	-88	90	110	
2012/13-4	Lab	method blank	4/3/2013	Conventional	Phenolics	n/a	<	0.0042	mg/L	EPA 420.4	0.0042	0.01			
2012/13-4	MO-FIL	matrix spike	3/26/2013	Conventional	Phenolics	n/a	=	0.316	mg/L	EPA 420.4	0.0042	0.01			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	MO-FIL	matrix spike, rec	3/26/2013	Conventional	Phenolics	n/a	=	93	%	EPA 420.4	-88	-88	90	110	
2012/13-4	MO-FIL	matrix spike dup	3/26/2013	Conventional	Phenolics	n/a	=	0.319	mg/L	EPA 420.4	0.0042	0.01			
2012/13-4	MO-FIL	matrix spike dup, rec	3/26/2013	Conventional	Phenolics	n/a	=	94	%	EPA 420.4	-88	-88	90	110	
2012/13-4	MO-FIL	matrix spike, RPD	3/26/2013	Conventional	Phenolics	n/a	=	0.9	%	EPA 420.4	-88	-88	0	20	
2012/13-4	MO-OXN	matrix spike	4/3/2013	Conventional	Phenolics	n/a	=	0.344	mg/L	EPA 420.4	0.0042	0.01			
2012/13-4	MO-OXN	matrix spike, rec	4/3/2013	Conventional	Phenolics	n/a	=	108	%	EPA 420.4	-88	-88	90	110	
2012/13-4	MO-OXN	matrix spike dup	4/3/2013	Conventional	Phenolics	n/a	=	0.332	mg/L	EPA 420.4	0.0042	0.01			
2012/13-4	MO-OXN	matrix spike dup, rec	4/3/2013	Conventional	Phenolics	n/a	=	103	%	EPA 420.4	-88	-88	90	110	
2012/13-4	MO-OXN	matrix spike, RPD	4/3/2013	Conventional	Phenolics	n/a	=	3	%	EPA 420.4	-88	-88	0	20	
2012/13-4	Lab	LCS	3/18/2013	Conventional	Specific Conductance	n/a	=	205	µmhos/cm	SM 2510 B	0.23	2			
2012/13-4	Lab	LCS, rec	3/18/2013	Conventional	Specific Conductance	n/a	=	102	%	SM 2510 B	-88	-88	95	105	
2012/13-4	Lab	method blank	3/18/2013	Conventional	Specific Conductance	n/a	DNQ	0.39	µmhos/cm	SM 2510 B	0.23	2			IP
2012/13-4	MO-OXN	lab duplicate	3/18/2013	Conventional	Specific Conductance	n/a	=	389	µmhos/cm	SM 2510 B	0.23	2		4.28	
2012/13-4	MO-OXN	lab duplicate, RPD	3/18/2013	Conventional	Specific Conductance	n/a	=	0.8	%	SM 2510 B	-88	-88		5	
2012/13-4	Lab	LCS	3/9/2013	Conventional	Total Chlorine Residual	n/a	=	0.198	mg/L	SM 4500-Cl G	0.0015	0.05			
2012/13-4	Lab	LCS, rec	3/9/2013	Conventional	Total Chlorine Residual	n/a	=	99	%	SM 4500-Cl G	-88	-88	82	112	
2012/13-4	Lab	method blank	3/9/2013	Conventional	Total Chlorine Residual	n/a	<	0.0015	mg/L	SM 4500-Cl G	0.0015	0.05			
2012/13-4	ME-CC	matrix spike	3/9/2013	Conventional	Total Chlorine Residual	n/a	=	0.173	mg/L	SM 4500-Cl G	0.0015	0.05			
2012/13-4	ME-CC	matrix spike dup	3/9/2013	Conventional	Total Chlorine Residual	n/a	=	0.193	mg/L	SM 4500-Cl G	0.0015	0.05			
2012/13-4	ME-CC	matrix spike dup, rec	3/9/2013	Conventional	Total Chlorine Residual	n/a	=	97	%	SM 4500-Cl G	-88	-88	65	128	
2012/13-4	ME-CC	matrix spike, rec	3/9/2013	Conventional	Total Chlorine Residual	n/a	=	86	%	SM 4500-Cl G	-88	-88	65	128	
2012/13-4	ME-CC	matrix spike, RPD	3/9/2013	Conventional	Total Chlorine Residual	n/a	=	11	%	SM 4500-Cl G	-88	-88	0	15	
2012/13-4	000NONPJ	lab duplicate	3/12/2013	Conventional	Total Dissolved Solids	n/a	=	474	mg/L	SM 2540 C	4	10		10	
2012/13-4	000NONPJ	lab duplicate, RPD	3/12/2013	Conventional	Total Dissolved Solids	n/a	=	2	%	SM 2540 C	-88	-88		10	
2012/13-4	Lab	LCS	3/12/2013	Conventional	Total Dissolved Solids	n/a	=	813	mg/L	SM 2540 C	4	10			
2012/13-4	Lab	LCS, rec	3/12/2013	Conventional	Total Dissolved Solids	n/a	=	99	%	SM 2540 C	-88	-88	91	104	
2012/13-4	Lab	method blank	3/12/2013	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			
2012/13-4	MO-OXN	lab duplicate	3/12/2013	Conventional	Total Dissolved Solids	n/a	=	278	mg/L	SM 2540 C	4	10		10	
2012/13-4	MO-OXN	lab duplicate, RPD	3/12/2013	Conventional	Total Dissolved Solids	n/a	=	4	%	SM 2540 C	-88	-88		10	
2012/13-4	000NONPJ	matrix spike	3/14/2013	Conventional	Total Organic Carbon	n/a	=	8.34	mg/L	SM 5310 C	0.009	0.3			
2012/13-4	000NONPJ	matrix spike dup	3/14/2013	Conventional	Total Organic Carbon	n/a	=	8.42	mg/L	SM 5310 C	0.009	0.3			
2012/13-4	000NONPJ	matrix spike dup, rec	3/14/2013	Conventional	Total Organic Carbon	n/a	=	108	%	SM 5310 C	-88	-88	77	114	
2012/13-4	000NONPJ	matrix spike, rec	3/14/2013	Conventional	Total Organic Carbon	n/a	=	106	%	SM 5310 C	-88	-88	77	114	
2012/13-4	000NONPJ	matrix spike, RPD	3/14/2013	Conventional	Total Organic Carbon	n/a	=	1	%	SM 5310 C	-88	-88	0	10	
2012/13-4	Lab	LCS	3/14/2013	Conventional	Total Organic Carbon	n/a	=	5.08	mg/L	SM 5310 C	0.009	0.3			
2012/13-4	Lab	LCS, rec	3/14/2013	Conventional	Total Organic Carbon	n/a	=	102	%	SM 5310 C	-88	-88	85	115	
2012/13-4	Lab	method blank	3/14/2013	Conventional	Total Organic Carbon	n/a	DNQ	0.0127	mg/L	SM 5310 C	0.009	0.3			IP
2012/13-4	Lab	LCS	3/17/2013	Conventional	Total Organic Carbon	n/a	=	4.86	mg/L	SM 5310 C	0.009	0.3			
2012/13-4	Lab	LCS, rec	3/17/2013	Conventional	Total Organic Carbon	n/a	=	97	%	SM 5310 C	-88	-88	85	115	
2012/13-4	Lab	method blank	3/17/2013	Conventional	Total Organic Carbon	n/a	DNQ	0.0289	mg/L	SM 5310 C	0.009	0.3			IP
2012/13-4	MO-OXN	matrix spike	3/17/2013	Conventional	Total Organic Carbon	n/a	=	139	mg/L	SM 5310 C	0.18	6			D
2012/13-4	MO-OXN	matrix spike dup	3/17/2013	Conventional	Total Organic Carbon	n/a	=	143	mg/L	SM 5310 C	0.18	6			D
2012/13-4	MO-OXN	matrix spike dup, rec	3/17/2013	Conventional	Total Organic Carbon	n/a	=	104	%	SM 5310 C	-88	-88	77	114	D
2012/13-4	MO-OXN	matrix spike, rec	3/17/2013	Conventional	Total Organic Carbon	n/a	=	100	%	SM 5310 C	-88	-88	77	114	D
2012/13-4	MO-OXN	matrix spike, RPD	3/17/2013	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 C	-88	-88	0	10	D
2012/13-4	000NONPJ	lab duplicate	3/12/2013	Conventional	Total Suspended Solids	n/a	=	510	mg/L	SM 2540 D	5	5			
2012/13-4	000NONPJ	lab duplicate, RPD	3/12/2013	Conventional	Total Suspended Solids	n/a	=	0	%	SM 2540 D	-88	-88		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	
2012/13-4	Lab	method blank	3/12/2013	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5			
2012/13-4	MO-OXN	lab duplicate	3/12/2013	Conventional	Total Suspended Solids	n/a	=	55	mg/L	SM 2540 D	5	5		20	
2012/13-4	MO-OXN	lab duplicate, RPD	3/12/2013	Conventional	Total Suspended Solids	n/a	=	18	%	SM 2540 D	-88	-88		20	
2012/13-4	Lab	LCS	3/9/2013	Conventional	Turbidity	n/a	=	22.3	NTU	EPA 180.1	0.024	0.1			
2012/13-4	Lab	LCS, rec	3/9/2013	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	
2012/13-4	Lab	method blank	3/9/2013	Conventional	Turbidity	n/a	<	0.024	NTU	EPA 180.1	0.024	0.1			
2012/13-4	MO-OXN	lab duplicate	3/9/2013	Conventional	Turbidity	n/a	=	49	NTU	EPA 180.1	0.12	0.5		10	D
2012/13-4	MO-OXN	lab duplicate, RPD	3/9/2013	Conventional	Turbidity	n/a	=	6	%	EPA 180.1	-88	-88		10	D
2012/13-4	000NONPJ	lab duplicate	3/12/2013	Conventional	Volatile Suspended Solids	n/a	=	240	mg/L	EPA 160.4	3.1	5		15	
2012/13-4	000NONPJ	lab duplicate, RPD	3/12/2013	Conventional	Volatile Suspended Solids	n/a	=	3	%	EPA 160.4	-88	-88		15	
2012/13-4	Lab	method blank	3/12/2013	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			
2012/13-4	MO-OXN	lab duplicate	3/12/2013	Conventional	Volatile Suspended Solids	n/a	=	25	mg/L	EPA 160.4	3.1	5		15	
2012/13-4	MO-OXN	lab duplicate, RPD	3/12/2013	Conventional	Volatile Suspended Solids	n/a	=	11	%	EPA 160.4	-88	-88		15	
2012/13-4	Lab	LCS	3/14/2013	Hydrocarbon	Oil and Grease	n/a	DNQ	4.8	mg/L	EPA 1664A	1.3	5			
2012/13-4	Lab	LCS	3/14/2013	Hydrocarbon	Oil and Grease	n/a	=	17.2	mg/L	EPA 1664A	1.3	5			
2012/13-4	Lab	LCS dup	3/14/2013	Hydrocarbon	Oil and Grease	n/a	=	16.9	mg/L	EPA 1664A	1.3	5			
2012/13-4	Lab	LCS dup, rec	3/14/2013	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664A	-88	-88	78	114	
2012/13-4	Lab	LCS, rec	3/14/2013	Hydrocarbon	Oil and Grease	n/a	=	96	%	EPA 1664A	-88	-88	78	114	
2012/13-4	Lab	LCS, rec	3/14/2013	Hydrocarbon	Oil and Grease	n/a	=	86	%	EPA 1664A	-88	-88	78	114	
2012/13-4	Lab	LCS, RPD	3/14/2013	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664A	-88	-88	0	18	
2012/13-4	Lab	method blank	3/14/2013	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2012/13-4	Lab	LCS	3/19/2013	Hydrocarbon	Oil and Grease	n/a	=	5.2	mg/L	EPA 1664A	1.3	5			
2012/13-4	Lab	LCS	3/19/2013	Hydrocarbon	Oil and Grease	n/a	=	19.1	mg/L	EPA 1664A	1.3	5			
2012/13-4	Lab	LCS dup	3/19/2013	Hydrocarbon	Oil and Grease	n/a	=	17.9	mg/L	EPA 1664A	1.3	5			
2012/13-4	Lab	LCS dup, rec	3/19/2013	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664A	-88	-88	78	114	
2012/13-4	Lab	LCS, rec	3/19/2013	Hydrocarbon	Oil and Grease	n/a	=	96	%	EPA 1664A	-88	-88	78	114	
2012/13-4	Lab	LCS, rec	3/19/2013	Hydrocarbon	Oil and Grease	n/a	=	104	%	EPA 1664A	-88	-88	78	114	
2012/13-4	Lab	LCS, RPD	3/19/2013	Hydrocarbon	Oil and Grease	n/a	=	6	%	EPA 1664A	-88	-88	0	18	
2012/13-4	Lab	method blank	3/19/2013	Hydrocarbon	Oil and Grease	n/a	<	1.3	mg/L	EPA 1664A	1.3	5			
2012/13-4	ME-VR2	matrix spike	3/19/2013	Hydrocarbon	Oil and Grease	n/a	=	22.6	mg/L	EPA 1664A	1.3	5			
2012/13-4	ME-VR2	matrix spike, rec	3/19/2013	Hydrocarbon	Oil and Grease	n/a	=	79	%	EPA 1664A	-88	-88	78	114	
2012/13-4	MO-HUE	matrix spike	3/14/2013	Hydrocarbon	Oil and Grease	n/a	=	21.3	mg/L	EPA 1664A	1.3	5			
2012/13-4	MO-HUE	matrix spike, rec	3/14/2013	Hydrocarbon	Oil and Grease	n/a	=	91	%	EPA 1664A	-88	-88	78	114	
2012/13-4	000NONPJ	matrix spike	3/28/2013	Hydrocarbon	TPH	n/a	=	9.6	mg/L	EPA 1664A	1.9	5			QAX
2012/13-4	000NONPJ	matrix spike dup	3/28/2013	Hydrocarbon	TPH	n/a	=	9.1	mg/L	EPA 1664A	1.9	5			QAX
2012/13-4	000NONPJ	matrix spike dup, rec	3/28/2013	Hydrocarbon	TPH	n/a	=	81	%	EPA 1664A	-88	-88			QAX
2012/13-4	000NONPJ	matrix spike, rec	3/28/2013	Hydrocarbon	TPH	n/a	=	87	%	EPA 1664A	-88	-88			QAX
2012/13-4	000NONPJ	matrix spike, RPD	3/28/2013	Hydrocarbon	TPH	n/a	=	5	%	EPA 1664A	-88	-88	0		QAX
2012/13-4	Lab	method blank	3/14/2013	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			
2012/13-4	Lab	LCS	3/28/2013	Hydrocarbon	TPH	n/a	DNQ	2.2	mg/L	EPA 1664A	1.9	5			
2012/13-4	Lab	LCS	3/28/2013	Hydrocarbon	TPH	n/a	=	7.4	mg/L	EPA 1664A	1.9	5			
2012/13-4	Lab	LCS, rec	3/28/2013	Hydrocarbon	TPH	n/a	=	74	%	EPA 1664A	-88	-88			
2012/13-4	Lab	LCS, rec	3/28/2013	Hydrocarbon	TPH	n/a	=	88	%	EPA 1664A	-88	-88			
2012/13-4	Lab	method blank	3/28/2013	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			
2012/13-4	Lab	method blank	3/22/2013	Metal	Aluminum	Dissolved	DNQ	1.52	µg/L	EPA 200.8	0.61	5			IP
2012/13-4	Lab	LCS	3/22/2013	Metal	Aluminum	Dissolved	=	51.9	µg/L	EPA 200.8	0.61	5			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Aluminum	Dissolved	=	104	%	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	
2012/13-4	Lab	method blank	4/1/2013	Metal	Aluminum	Dissolved	DNQ	1.34	µg/L	EPA 200.8	0.61	5			IP
2012/13-4	Lab	LCS	4/1/2013	Metal	Aluminum	Dissolved	=	51.2	µg/L	EPA 200.8	0.61	5			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Aluminum	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2012/13-4	000NONPJ	matrix spike	3/22/2013	Metal	Aluminum	Total	=	52.1	µg/L	EPA 200.8	2.1	5			
2012/13-4	000NONPJ	matrix spike, rec	3/22/2013	Metal	Aluminum	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike dup	3/22/2013	Metal	Aluminum	Total	=	52	µg/L	EPA 200.8	2.1	5			
2012/13-4	000NONPJ	matrix spike dup, rec	3/22/2013	Metal	Aluminum	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike, RPD	3/22/2013	Metal	Aluminum	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Aluminum	Total	<	2.1	µg/L	EPA 200.8	2.1	5			
2012/13-4	Lab	LCS	3/22/2013	Metal	Aluminum	Total	=	51.9	µg/L	EPA 200.8	2.1	5			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Aluminum	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/1/2013	Metal	Aluminum	Total	<	2.1	µg/L	EPA 200.8	2.1	5			
2012/13-4	Lab	LCS	4/1/2013	Metal	Aluminum	Total	=	51.2	µg/L	EPA 200.8	2.1	5			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Aluminum	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2012/13-4	ME-VR2	matrix spike	4/1/2013	Metal	Aluminum	Total	=	597	µg/L	EPA 200.8	2.1	5			
2012/13-4	ME-VR2	matrix spike, rec	4/1/2013	Metal	Aluminum	Total	=	114	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike dup	4/1/2013	Metal	Aluminum	Total	=	591	µg/L	EPA 200.8	2.1	5			
2012/13-4	ME-VR2	matrix spike dup, rec	4/1/2013	Metal	Aluminum	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike, RPD	4/1/2013	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-CAM	matrix spike	4/1/2013	Metal	Aluminum	Total	=	1490	µg/L	EPA 200.8	2.1	5			
2012/13-4	MO-CAM	matrix spike, rec	4/1/2013	Metal	Aluminum	Total	=	70	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike dup	4/1/2013	Metal	Aluminum	Total	=	1500	µg/L	EPA 200.8	2.1	5			
2012/13-4	MO-CAM	matrix spike dup, rec	4/1/2013	Metal	Aluminum	Total	=	74	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike, RPD	4/1/2013	Metal	Aluminum	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Metal	Aluminum	Total	=	980	µg/L	EPA 200.8	2.1	5			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Metal	Aluminum	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Metal	Aluminum	Total	=	994	µg/L	EPA 200.8	2.1	5			GB
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Metal	Aluminum	Total	=	135	%	EPA 200.8	-88	-88	70	130	GB
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Antimony	Dissolved	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2012/13-4	Lab	LCS	3/22/2013	Metal	Antimony	Dissolved	=	50.8	µg/L	EPA 200.8	0.04	0.5			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Antimony	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/1/2013	Metal	Antimony	Dissolved	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2012/13-4	Lab	LCS	4/1/2013	Metal	Antimony	Dissolved	=	50.7	µg/L	EPA 200.8	0.04	0.5			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Antimony	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2012/13-4	000NONPJ	matrix spike	3/22/2013	Metal	Antimony	Total	=	49.5	µg/L	EPA 200.8	0.04	0.5			
2012/13-4	000NONPJ	matrix spike, rec	3/22/2013	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike dup	3/22/2013	Metal	Antimony	Total	=	49.5	µg/L	EPA 200.8	0.04	0.5			
2012/13-4	000NONPJ	matrix spike dup, rec	3/22/2013	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike, RPD	3/22/2013	Metal	Antimony	Total	=	0.06	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Antimony	Total	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2012/13-4	Lab	LCS	3/22/2013	Metal	Antimony	Total	=	50.8	µg/L	EPA 200.8	0.04	0.5			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Antimony	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/1/2013	Metal	Antimony	Total	<	0.04	µg/L	EPA 200.8	0.04	0.5			
2012/13-4	Lab	LCS	4/1/2013	Metal	Antimony	Total	=	50.7	µg/L	EPA 200.8	0.04	0.5			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2012/13-4	ME-VR2	matrix spike	4/1/2013	Metal	Antimony	Total	=	50.8	µg/L	EPA 200.8	0.04	0.5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	ME-VR2	matrix spike, rec	4/1/2013	Metal	Antimony	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike dup	4/1/2013	Metal	Antimony	Total	=	50.3	µg/L	EPA 200.8	0.04	0.5			
2012/13-4	ME-VR2	matrix spike dup, rec	4/1/2013	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike, RPD	4/1/2013	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-CAM	matrix spike	4/1/2013	Metal	Antimony	Total	=	50.7	µg/L	EPA 200.8	0.04	0.5			
2012/13-4	MO-CAM	matrix spike, rec	4/1/2013	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike dup	4/1/2013	Metal	Antimony	Total	=	51.2	µg/L	EPA 200.8	0.04	0.5			
2012/13-4	MO-CAM	matrix spike dup, rec	4/1/2013	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike, RPD	4/1/2013	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Metal	Antimony	Total	=	51.3	µg/L	EPA 200.8	0.04	0.5			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Metal	Antimony	Total	=	48.9	µg/L	EPA 200.8	0.04	0.5			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Metal	Antimony	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Metal	Antimony	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Arsenic	Dissolved	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2012/13-4	Lab	LCS	3/22/2013	Metal	Arsenic	Dissolved	=	51.9	µg/L	EPA 200.8	0.036	0.4			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Arsenic	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/1/2013	Metal	Arsenic	Dissolved	<	0.036	µg/L	EPA 200.8	0.036	0.4			
2012/13-4	Lab	LCS	4/1/2013	Metal	Arsenic	Dissolved	=	49.6	µg/L	EPA 200.8	0.036	0.4			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Arsenic	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2012/13-4	000NONPJ	matrix spike	3/22/2013	Metal	Arsenic	Total	=	49	µg/L	EPA 200.8	0.13	0.4			
2012/13-4	000NONPJ	matrix spike, rec	3/22/2013	Metal	Arsenic	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike dup	3/22/2013	Metal	Arsenic	Total	=	49.3	µg/L	EPA 200.8	0.13	0.4			
2012/13-4	000NONPJ	matrix spike dup, rec	3/22/2013	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike, RPD	3/22/2013	Metal	Arsenic	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Arsenic	Total	<	0.13	µg/L	EPA 200.8	0.13	0.4			
2012/13-4	Lab	LCS	3/22/2013	Metal	Arsenic	Total	=	51.9	µg/L	EPA 200.8	0.13	0.4			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/1/2013	Metal	Arsenic	Total	<	0.13	µg/L	EPA 200.8	0.13	0.4			
2012/13-4	Lab	LCS	4/1/2013	Metal	Arsenic	Total	=	49.6	µg/L	EPA 200.8	0.13	0.4			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2012/13-4	ME-VR2	matrix spike	4/1/2013	Metal	Arsenic	Total	=	53.1	µg/L	EPA 200.8	0.13	0.4			
2012/13-4	ME-VR2	matrix spike, rec	4/1/2013	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike dup	4/1/2013	Metal	Arsenic	Total	=	53.4	µg/L	EPA 200.8	0.13	0.4			
2012/13-4	ME-VR2	matrix spike dup, rec	4/1/2013	Metal	Arsenic	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike, RPD	4/1/2013	Metal	Arsenic	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-CAM	matrix spike	4/1/2013	Metal	Arsenic	Total	=	53	µg/L	EPA 200.8	0.13	0.4			
2012/13-4	MO-CAM	matrix spike, rec	4/1/2013	Metal	Arsenic	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike dup	4/1/2013	Metal	Arsenic	Total	=	53.3	µg/L	EPA 200.8	0.13	0.4			
2012/13-4	MO-CAM	matrix spike dup, rec	4/1/2013	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike, RPD	4/1/2013	Metal	Arsenic	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Metal	Arsenic	Total	=	51.3	µg/L	EPA 200.8	0.13	0.4			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Metal	Arsenic	Total	=	52.6	µg/L	EPA 200.8	0.13	0.4			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Metal	Arsenic	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2012/13-4	000NONPJ	matrix spike	3/22/2013	Metal	Barium	Total	=	50.6	µg/L	EPA 200.8	0.097	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	
2012/13-4	000NONPJ	matrix spike, rec	3/22/2013	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike dup	3/22/2013	Metal	Barium	Total	=	50.5	µg/L	EPA 200.8	0.097	0.5			
2012/13-4	000NONPJ	matrix spike dup, rec	3/22/2013	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike, RPD	3/22/2013	Metal	Barium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Barium	Total	<	0.097	µg/L	EPA 200.8	0.097	0.5			
2012/13-4	Lab	LCS	3/22/2013	Metal	Barium	Total	=	50.5	µg/L	EPA 200.8	0.097	0.5			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/1/2013	Metal	Barium	Total	<	0.097	µg/L	EPA 200.8	0.097	0.5			
2012/13-4	Lab	LCS	4/1/2013	Metal	Barium	Total	=	51.1	µg/L	EPA 200.8	0.097	0.5			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	3/22/2013	Metal	Beryllium	Dissolved	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2012/13-4	Lab	LCS	3/22/2013	Metal	Beryllium	Dissolved	=	49.5	µg/L	EPA 200.8	0.088	0.1			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Beryllium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/2/2013	Metal	Beryllium	Dissolved	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2012/13-4	Lab	LCS	4/2/2013	Metal	Beryllium	Dissolved	=	47.5	µg/L	EPA 200.8	0.088	0.1			
2012/13-4	Lab	LCS, rec	4/2/2013	Metal	Beryllium	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	
2012/13-4	ME-VR2	matrix spike	4/2/2013	Metal	Beryllium	Dissolved	=	53.2	µg/L	EPA 200.8	0.088	0.1			
2012/13-4	ME-VR2	matrix spike, rec	4/2/2013	Metal	Beryllium	Dissolved	=	106	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike dup	4/2/2013	Metal	Beryllium	Dissolved	=	52.4	µg/L	EPA 200.8	0.088	0.1			
2012/13-4	ME-VR2	matrix spike dup, rec	4/2/2013	Metal	Beryllium	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike, RPD	4/2/2013	Metal	Beryllium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-CAM	matrix spike	4/2/2013	Metal	Beryllium	Dissolved	=	49.9	µg/L	EPA 200.8	0.088	0.1			
2012/13-4	MO-CAM	matrix spike, rec	4/2/2013	Metal	Beryllium	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike dup	4/2/2013	Metal	Beryllium	Dissolved	=	51	µg/L	EPA 200.8	0.088	0.1			
2012/13-4	MO-CAM	matrix spike dup, rec	4/2/2013	Metal	Beryllium	Dissolved	=	102	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike, RPD	4/2/2013	Metal	Beryllium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-4	000NONPJ	matrix spike	3/22/2013	Metal	Beryllium	Total	=	48.6	µg/L	EPA 200.8	0.088	0.1			
2012/13-4	000NONPJ	matrix spike, rec	3/22/2013	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike dup	3/22/2013	Metal	Beryllium	Total	=	49.1	µg/L	EPA 200.8	0.088	0.1			
2012/13-4	000NONPJ	matrix spike dup, rec	3/22/2013	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike, RPD	3/22/2013	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Beryllium	Total	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2012/13-4	Lab	LCS	3/22/2013	Metal	Beryllium	Total	=	49.5	µg/L	EPA 200.8	0.088	0.1			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Beryllium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/2/2013	Metal	Beryllium	Total	<	0.088	µg/L	EPA 200.8	0.088	0.1			
2012/13-4	Lab	LCS	4/2/2013	Metal	Beryllium	Total	=	47.5	µg/L	EPA 200.8	0.088	0.1			
2012/13-4	Lab	LCS, rec	4/2/2013	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	85	115	
2012/13-4	ME-VR2	matrix spike	4/2/2013	Metal	Beryllium	Total	=	53.2	µg/L	EPA 200.8	0.088	0.1			
2012/13-4	ME-VR2	matrix spike, rec	4/2/2013	Metal	Beryllium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike dup	4/2/2013	Metal	Beryllium	Total	=	52.4	µg/L	EPA 200.8	0.088	0.1			
2012/13-4	ME-VR2	matrix spike dup, rec	4/2/2013	Metal	Beryllium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike, RPD	4/2/2013	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-CAM	matrix spike	4/2/2013	Metal	Beryllium	Total	=	49.9	µg/L	EPA 200.8	0.088	0.1			
2012/13-4	MO-CAM	matrix spike, rec	4/2/2013	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike dup	4/2/2013	Metal	Beryllium	Total	=	51	µg/L	EPA 200.8	0.088	0.1			
2012/13-4	MO-CAM	matrix spike dup, rec	4/2/2013	Metal	Beryllium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike, RPD	4/2/2013	Metal	Beryllium	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	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Metal	Beryllium	Total	=	49.8	µg/L	EPA 200.8	0.088	0.1			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Metal	Beryllium	Total	=	48.3	µg/L	EPA 200.8	0.088	0.1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Metal	Beryllium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Cadmium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2012/13-4	Lab	LCS	3/22/2013	Metal	Cadmium	Dissolved	=	50.5	µg/L	EPA 200.8	0.02	0.1			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Cadmium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/1/2013	Metal	Cadmium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2012/13-4	Lab	LCS	4/1/2013	Metal	Cadmium	Dissolved	=	51.2	µg/L	EPA 200.8	0.02	0.1			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Cadmium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2012/13-4	000NONPJ	matrix spike	3/22/2013	Metal	Cadmium	Total	=	49.1	µg/L	EPA 200.8	0.02	0.1			
2012/13-4	000NONPJ	matrix spike, rec	3/22/2013	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike dup	3/22/2013	Metal	Cadmium	Total	=	49.3	µg/L	EPA 200.8	0.02	0.1			
2012/13-4	000NONPJ	matrix spike dup, rec	3/22/2013	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike, RPD	3/22/2013	Metal	Cadmium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Cadmium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2012/13-4	Lab	LCS	3/22/2013	Metal	Cadmium	Total	=	50.5	µg/L	EPA 200.8	0.02	0.1			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Cadmium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/1/2013	Metal	Cadmium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.1			
2012/13-4	Lab	LCS	4/1/2013	Metal	Cadmium	Total	=	51.2	µg/L	EPA 200.8	0.02	0.1			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2012/13-4	ME-VR2	matrix spike	4/1/2013	Metal	Cadmium	Total	=	48.7	µg/L	EPA 200.8	0.02	0.1			
2012/13-4	ME-VR2	matrix spike, rec	4/1/2013	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike dup	4/1/2013	Metal	Cadmium	Total	=	48.1	µg/L	EPA 200.8	0.02	0.1			
2012/13-4	ME-VR2	matrix spike dup, rec	4/1/2013	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike, RPD	4/1/2013	Metal	Cadmium	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-CAM	matrix spike	4/1/2013	Metal	Cadmium	Total	=	52.2	µg/L	EPA 200.8	0.02	0.1			
2012/13-4	MO-CAM	matrix spike, rec	4/1/2013	Metal	Cadmium	Total	=	104	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike dup	4/1/2013	Metal	Cadmium	Total	=	53.1	µg/L	EPA 200.8	0.02	0.1			
2012/13-4	MO-CAM	matrix spike dup, rec	4/1/2013	Metal	Cadmium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike, RPD	4/1/2013	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Metal	Cadmium	Total	=	50.3	µg/L	EPA 200.8	0.02	0.1			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Metal	Cadmium	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Metal	Cadmium	Total	=	47.8	µg/L	EPA 200.8	0.02	0.1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Metal	Cadmium	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Chromium	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2012/13-4	Lab	LCS	3/22/2013	Metal	Chromium	Dissolved	=	50.6	µg/L	EPA 200.8	0.074	0.2			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Chromium	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/1/2013	Metal	Chromium	Dissolved	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2012/13-4	Lab	LCS	4/1/2013	Metal	Chromium	Dissolved	=	49	µg/L	EPA 200.8	0.074	0.2			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Chromium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2012/13-4	000NONPJ	matrix spike	3/22/2013	Metal	Chromium	Total	=	50.9	µg/L	EPA 200.8	0.074	0.2			
2012/13-4	000NONPJ	matrix spike, rec	3/22/2013	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike dup	3/22/2013	Metal	Chromium	Total	=	50.9	µg/L	EPA 200.8	0.074	0.2			
2012/13-4	000NONPJ	matrix spike dup, rec	3/22/2013	Metal	Chromium	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	
2012/13-4	000NONPJ	matrix spike, RPD	3/22/2013	Metal	Chromium	Total	=	0	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Chromium	Total	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2012/13-4	Lab	LCS	3/22/2013	Metal	Chromium	Total	=	50.6	µg/L	EPA 200.8	0.074	0.2			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/1/2013	Metal	Chromium	Total	<	0.074	µg/L	EPA 200.8	0.074	0.2			
2012/13-4	Lab	LCS	4/1/2013	Metal	Chromium	Total	=	49	µg/L	EPA 200.8	0.074	0.2			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2012/13-4	ME-VR2	matrix spike	4/1/2013	Metal	Chromium	Total	=	55.4	µg/L	EPA 200.8	0.074	0.2			
2012/13-4	ME-VR2	matrix spike, rec	4/1/2013	Metal	Chromium	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike dup	4/1/2013	Metal	Chromium	Total	=	55.7	µg/L	EPA 200.8	0.074	0.2			
2012/13-4	ME-VR2	matrix spike dup, rec	4/1/2013	Metal	Chromium	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike, RPD	4/1/2013	Metal	Chromium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-CAM	matrix spike	4/1/2013	Metal	Chromium	Total	=	56	µg/L	EPA 200.8	0.074	0.2			
2012/13-4	MO-CAM	matrix spike, rec	4/1/2013	Metal	Chromium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike dup	4/1/2013	Metal	Chromium	Total	=	56	µg/L	EPA 200.8	0.074	0.2			
2012/13-4	MO-CAM	matrix spike dup, rec	4/1/2013	Metal	Chromium	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike, RPD	4/1/2013	Metal	Chromium	Total	=	0.09	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Metal	Chromium	Total	=	52.8	µg/L	EPA 200.8	0.074	0.2			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Metal	Chromium	Total	=	54.4	µg/L	EPA 200.8	0.074	0.2			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Metal	Chromium	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	LCS	3/13/2013	Metal	Chromium VI	n/a	=	4.95	µg/L	EPA 218.6	0.0059	0.3			
2012/13-4	Lab	LCS, rec	3/13/2013	Metal	Chromium VI	n/a	=	99	%	EPA 218.6	-88	-88	90	110	
2012/13-4	Lab	method blank	3/13/2013	Metal	Chromium VI	n/a	<	0.0059	µg/L	EPA 218.6	0.0059	0.3			
2012/13-4	ME-VR2	matrix spike	3/13/2013	Metal	Chromium VI	n/a	=	4.91	µg/L	EPA 218.6	0.0059	0.3			
2012/13-4	ME-VR2	matrix spike dup	3/13/2013	Metal	Chromium VI	n/a	=	5.03	µg/L	EPA 218.6	0.0059	0.3			
2012/13-4	ME-VR2	matrix spike dup, rec	3/13/2013	Metal	Chromium VI	n/a	=	99	%	EPA 218.6	-88	-88	88	112	
2012/13-4	ME-VR2	matrix spike, rec	3/13/2013	Metal	Chromium VI	n/a	=	96	%	EPA 218.6	-88	-88	88	112	
2012/13-4	ME-VR2	matrix spike, RPD	3/13/2013	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	
2012/13-4	MO-OXN	matrix spike	3/13/2013	Metal	Chromium VI	n/a	=	5.76	µg/L	EPA 218.6	0.0059	0.3			
2012/13-4	MO-OXN	matrix spike dup	3/13/2013	Metal	Chromium VI	n/a	=	5.82	µg/L	EPA 218.6	0.0059	0.3			
2012/13-4	MO-OXN	matrix spike dup, rec	3/13/2013	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	88	112	
2012/13-4	MO-OXN	matrix spike, rec	3/13/2013	Metal	Chromium VI	n/a	=	96	%	EPA 218.6	-88	-88	88	112	
2012/13-4	MO-OXN	matrix spike, RPD	3/13/2013	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	
2012/13-4	Lab	method blank	3/22/2013	Metal	Copper	Dissolved	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2012/13-4	Lab	LCS	3/22/2013	Metal	Copper	Dissolved	=	52.8	µg/L	EPA 200.8	0.27	0.5			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Copper	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/1/2013	Metal	Copper	Dissolved	DNQ	0.39	µg/L	EPA 200.8	0.27	0.5			IP
2012/13-4	Lab	LCS	4/1/2013	Metal	Copper	Dissolved	=	51.1	µg/L	EPA 200.8	0.27	0.5			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Copper	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2012/13-4	000NONPJ	matrix spike	3/22/2013	Metal	Copper	Total	=	53.4	µg/L	EPA 200.8	0.27	0.5			
2012/13-4	000NONPJ	matrix spike, rec	3/22/2013	Metal	Copper	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike dup	3/22/2013	Metal	Copper	Total	=	53.2	µg/L	EPA 200.8	0.27	0.5			
2012/13-4	000NONPJ	matrix spike dup, rec	3/22/2013	Metal	Copper	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike, RPD	3/22/2013	Metal	Copper	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Copper	Total	<	0.27	µg/L	EPA 200.8	0.27	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	
2012/13-4	Lab	LCS	3/22/2013	Metal	Copper	Total	=	52.8	µg/L	EPA 200.8	0.27	0.5			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Copper	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/1/2013	Metal	Copper	Total	<	0.27	µg/L	EPA 200.8	0.27	0.5			
2012/13-4	Lab	LCS	4/1/2013	Metal	Copper	Total	=	51.1	µg/L	EPA 200.8	0.27	0.5			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2012/13-4	ME-VR2	matrix spike	4/1/2013	Metal	Copper	Total	=	52.7	µg/L	EPA 200.8	0.27	0.5			
2012/13-4	ME-VR2	matrix spike, rec	4/1/2013	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike dup	4/1/2013	Metal	Copper	Total	=	53	µg/L	EPA 200.8	0.27	0.5			
2012/13-4	ME-VR2	matrix spike dup, rec	4/1/2013	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike, RPD	4/1/2013	Metal	Copper	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-CAM	matrix spike	4/1/2013	Metal	Copper	Total	=	78.6	µg/L	EPA 200.8	0.27	0.5			
2012/13-4	MO-CAM	matrix spike, rec	4/1/2013	Metal	Copper	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike dup	4/1/2013	Metal	Copper	Total	=	78.8	µg/L	EPA 200.8	0.27	0.5			
2012/13-4	MO-CAM	matrix spike dup, rec	4/1/2013	Metal	Copper	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike, RPD	4/1/2013	Metal	Copper	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Metal	Copper	Total	=	94	µg/L	EPA 200.8	0.27	0.5			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Metal	Copper	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Metal	Copper	Total	=	97	µg/L	EPA 200.8	0.27	0.5			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Metal	Copper	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Metal	Copper	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/14/2013	Metal	Iron	Dissolved	DNQ	2.03	µg/L	EPA 200.7	1.1	10			IP
2012/13-4	Lab	LCS	3/14/2013	Metal	Iron	Dissolved	=	194	µg/L	EPA 200.7	1.1	10			
2012/13-4	Lab	LCS, rec	3/14/2013	Metal	Iron	Dissolved	=	97	%	EPA 200.7	-88	-88	85	115	
2012/13-4	Lab	method blank	3/14/2013	Metal	Iron	Dissolved	<	1.1	µg/L	EPA 200.7	1.1	10			
2012/13-4	Lab	LCS	3/14/2013	Metal	Iron	Dissolved	=	197	µg/L	EPA 200.7	1.1	10			
2012/13-4	Lab	LCS, rec	3/14/2013	Metal	Iron	Dissolved	=	99	%	EPA 200.7	-88	-88	85	115	
2012/13-4	000NONPJ	matrix spike	3/14/2013	Metal	Iron	Total	=	14500	µg/L	EPA 200.7	1.1	10			GB
2012/13-4	000NONPJ	matrix spike, rec	3/14/2013	Metal	Iron	Total	=	21	%	EPA 200.7	-88	-88	70	130	GB
2012/13-4	000NONPJ	matrix spike dup	3/14/2013	Metal	Iron	Total	=	13400	µg/L	EPA 200.7	1.1	10			GB
2012/13-4	000NONPJ	matrix spike dup, rec	3/14/2013	Metal	Iron	Total	=	-528	%	EPA 200.7	-88	-88	70	130	GB
2012/13-4	000NONPJ	matrix spike, RPD	3/14/2013	Metal	Iron	Total	=	8	%	EPA 200.7	-88	-88	0	30	
2012/13-4	Lab	method blank	3/14/2013	Metal	Iron	Total	DNQ	2.03	µg/L	EPA 200.7	1.1	10			IP
2012/13-4	Lab	LCS	3/14/2013	Metal	Iron	Total	=	194	µg/L	EPA 200.7	1.1	10			
2012/13-4	Lab	LCS, rec	3/14/2013	Metal	Iron	Total	=	97	%	EPA 200.7	-88	-88	85	115	
2012/13-4	Lab	method blank	3/14/2013	Metal	Iron	Total	<	1.1	µg/L	EPA 200.7	1.1	10			
2012/13-4	Lab	LCS	3/14/2013	Metal	Iron	Total	=	197	µg/L	EPA 200.7	1.1	10			
2012/13-4	Lab	LCS, rec	3/14/2013	Metal	Iron	Total	=	99	%	EPA 200.7	-88	-88	85	115	
2012/13-4	MO-OXN	matrix spike	3/14/2013	Metal	Iron	Total	=	1690	µg/L	EPA 200.7	1.1	10			
2012/13-4	MO-OXN	matrix spike, rec	3/14/2013	Metal	Iron	Total	=	92	%	EPA 200.7	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/14/2013	Metal	Iron	Total	=	1690	µg/L	EPA 200.7	1.1	10			
2012/13-4	MO-OXN	matrix spike dup, rec	3/14/2013	Metal	Iron	Total	=	91	%	EPA 200.7	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/14/2013	Metal	Iron	Total	=	0.07	%	EPA 200.7	-88	-88	0	30	
2012/13-4	MO-SPA	matrix spike	3/14/2013	Metal	Iron	Total	=	5300	µg/L	EPA 200.7	1.1	10			GB
2012/13-4	MO-SPA	matrix spike, rec	3/14/2013	Metal	Iron	Total	=	15	%	EPA 200.7	-88	-88	70	130	GB
2012/13-4	MO-SPA	matrix spike dup	3/14/2013	Metal	Iron	Total	=	5350	µg/L	EPA 200.7	1.1	10			GB
2012/13-4	MO-SPA	matrix spike dup, rec	3/14/2013	Metal	Iron	Total	=	42	%	EPA 200.7	-88	-88	70	130	GB
2012/13-4	MO-SPA	matrix spike, RPD	3/14/2013	Metal	Iron	Total	=	1	%	EPA 200.7	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	MO-VEN	matrix spike	3/14/2013	Metal	Iron	Total	=	3000	µg/L	EPA 200.7	1.1	10			GB
2012/13-4	MO-VEN	matrix spike, rec	3/14/2013	Metal	Iron	Total	=	139	%	EPA 200.7	-88	-88	70	130	GB
2012/13-4	MO-VEN	matrix spike dup	3/14/2013	Metal	Iron	Total	=	2940	µg/L	EPA 200.7	1.1	10			
2012/13-4	MO-VEN	matrix spike dup, rec	3/14/2013	Metal	Iron	Total	=	110	%	EPA 200.7	-88	-88	70	130	
2012/13-4	MO-VEN	matrix spike, RPD	3/14/2013	Metal	Iron	Total	=	2	%	EPA 200.7	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Lead	Dissolved	<	0.011	µg/L	EPA 200.8	0.011	0.2			
2012/13-4	Lab	LCS	3/22/2013	Metal	Lead	Dissolved	=	48.5	µg/L	EPA 200.8	0.011	0.2			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Lead	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/2/2013	Metal	Lead	Dissolved	=	0.21	µg/L	EPA 200.8	0.011	0.2			IP
2012/13-4	Lab	LCS	4/2/2013	Metal	Lead	Dissolved	=	48.3	µg/L	EPA 200.8	0.011	0.2			
2012/13-4	Lab	LCS, rec	4/2/2013	Metal	Lead	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	
2012/13-4	ME-VR2	matrix spike	4/2/2013	Metal	Lead	Dissolved	=	55	µg/L	EPA 200.8	0.011	0.2			
2012/13-4	ME-VR2	matrix spike, rec	4/2/2013	Metal	Lead	Dissolved	=	110	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike dup	4/2/2013	Metal	Lead	Dissolved	=	54.7	µg/L	EPA 200.8	0.011	0.2			
2012/13-4	ME-VR2	matrix spike dup, rec	4/2/2013	Metal	Lead	Dissolved	=	109	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike, RPD	4/2/2013	Metal	Lead	Dissolved	=	0.5	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-CAM	matrix spike	4/2/2013	Metal	Lead	Dissolved	=	57.7	µg/L	EPA 200.8	0.011	0.2			
2012/13-4	MO-CAM	matrix spike, rec	4/2/2013	Metal	Lead	Dissolved	=	115	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike dup	4/2/2013	Metal	Lead	Dissolved	=	58.4	µg/L	EPA 200.8	0.011	0.2			
2012/13-4	MO-CAM	matrix spike dup, rec	4/2/2013	Metal	Lead	Dissolved	=	116	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike, RPD	4/2/2013	Metal	Lead	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-4	000NONPJ	matrix spike	3/22/2013	Metal	Lead	Total	=	49.5	µg/L	EPA 200.8	0.035	0.2			
2012/13-4	000NONPJ	matrix spike, rec	3/22/2013	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike dup	3/22/2013	Metal	Lead	Total	=	49.1	µg/L	EPA 200.8	0.035	0.2			
2012/13-4	000NONPJ	matrix spike dup, rec	3/22/2013	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike, RPD	3/22/2013	Metal	Lead	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Lead	Total	<	0.035	µg/L	EPA 200.8	0.035	0.2			
2012/13-4	Lab	LCS	3/22/2013	Metal	Lead	Total	=	48.5	µg/L	EPA 200.8	0.035	0.2			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/2/2013	Metal	Lead	Total	DNQ	0.05	µg/L	EPA 200.8	0.035	0.2			IP
2012/13-4	Lab	LCS	4/2/2013	Metal	Lead	Total	=	48.3	µg/L	EPA 200.8	0.035	0.2			
2012/13-4	Lab	LCS, rec	4/2/2013	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	85	115	
2012/13-4	ME-VR2	matrix spike	4/2/2013	Metal	Lead	Total	=	55	µg/L	EPA 200.8	0.035	0.2			
2012/13-4	ME-VR2	matrix spike, rec	4/2/2013	Metal	Lead	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike dup	4/2/2013	Metal	Lead	Total	=	54.7	µg/L	EPA 200.8	0.035	0.2			
2012/13-4	ME-VR2	matrix spike dup, rec	4/2/2013	Metal	Lead	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike, RPD	4/2/2013	Metal	Lead	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-CAM	matrix spike	4/2/2013	Metal	Lead	Total	=	57.7	µg/L	EPA 200.8	0.035	0.2			
2012/13-4	MO-CAM	matrix spike, rec	4/2/2013	Metal	Lead	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike dup	4/2/2013	Metal	Lead	Total	=	58.4	µg/L	EPA 200.8	0.035	0.2			
2012/13-4	MO-CAM	matrix spike dup, rec	4/2/2013	Metal	Lead	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike, RPD	4/2/2013	Metal	Lead	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Metal	Lead	Total	=	56	µg/L	EPA 200.8	0.035	0.2			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Metal	Lead	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Metal	Lead	Total	=	53.1	µg/L	EPA 200.8	0.035	0.2			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Metal	Lead	Total	=	5	%	EPA 200.8	-88	-88	0	30	

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	Lab	LCS	3/27/2013	Metal	Mercury	Dissolved	=	962	ng/L	EPA 245.1	3.9	50			
2012/13-4	Lab	LCS, rec	3/27/2013	Metal	Mercury	Dissolved	=	96	%	EPA 245.1	-88	-88	85	115	
2012/13-4	Lab	method blank	3/27/2013	Metal	Mercury	Dissolved	DNQ	7	ng/L	EPA 245.1	3.9	50			IP
2012/13-4	Lab	LCS	3/27/2013	Metal	Mercury	Dissolved	=	963	ng/L	EPA 245.1	3.9	50			
2012/13-4	Lab	LCS, rec	3/27/2013	Metal	Mercury	Dissolved	=	96	%	EPA 245.1	-88	-88	85	115	
2012/13-4	Lab	method blank	3/27/2013	Metal	Mercury	Dissolved	<	3.9	ng/L	EPA 245.1	3.9	50			
2012/13-4	MO-OXN	matrix spike	3/27/2013	Metal	Mercury	Dissolved	=	2280	ng/L	EPA 245.1	7.8	100			D
2012/13-4	MO-OXN	matrix spike dup	3/27/2013	Metal	Mercury	Dissolved	=	2360	ng/L	EPA 245.1	7.8	100			D
2012/13-4	MO-OXN	matrix spike dup, rec	3/27/2013	Metal	Mercury	Dissolved	=	118	%	EPA 245.1	-88	-88	70	130	D
2012/13-4	MO-OXN	matrix spike, rec	3/27/2013	Metal	Mercury	Dissolved	=	114	%	EPA 245.1	-88	-88	70	130	D
2012/13-4	MO-OXN	matrix spike, RPD	3/27/2013	Metal	Mercury	Dissolved	=	3	%	EPA 245.1	-88	-88	0	20	D
2012/13-4	000NONPJ	matrix spike	3/27/2013	Metal	Mercury	Total	=	1680	ng/L	EPA 245.1	3.9	50			
2012/13-4	000NONPJ	matrix spike	3/27/2013	Metal	Mercury	Total	=	1430	ng/L	EPA 245.1	3.9	50			
2012/13-4	000NONPJ	matrix spike dup	3/27/2013	Metal	Mercury	Total	=	1380	ng/L	EPA 245.1	3.9	50			
2012/13-4	000NONPJ	matrix spike dup	3/27/2013	Metal	Mercury	Total	=	1620	ng/L	EPA 245.1	3.9	50			
2012/13-4	000NONPJ	matrix spike dup, rec	3/27/2013	Metal	Mercury	Total	=	84	%	EPA 245.1	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike dup, rec	3/27/2013	Metal	Mercury	Total	=	87	%	EPA 245.1	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike, rec	3/27/2013	Metal	Mercury	Total	=	90	%	EPA 245.1	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike, rec	3/27/2013	Metal	Mercury	Total	=	92	%	EPA 245.1	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike, RPD	3/27/2013	Metal	Mercury	Total	=	4	%	EPA 245.1	-88	-88	0	20	
2012/13-4	000NONPJ	matrix spike, RPD	3/27/2013	Metal	Mercury	Total	=	4	%	EPA 245.1	-88	-88	0	20	
2012/13-4	Lab	LCS	3/27/2013	Metal	Mercury	Total	=	962	ng/L	EPA 245.1	3.9	50			
2012/13-4	Lab	LCS, rec	3/27/2013	Metal	Mercury	Total	=	96	%	EPA 245.1	-88	-88	85	115	
2012/13-4	Lab	method blank	3/27/2013	Metal	Mercury	Total	DNQ	7	ng/L	EPA 245.1	3.9	50			IP
2012/13-4	Lab	LCS	4/3/2013	Metal	Mercury	Total	=	1100	ng/L	EPA 245.1	3.9	50			
2012/13-4	Lab	LCS, rec	4/3/2013	Metal	Mercury	Total	=	110	%	EPA 245.1	-88	-88	85	115	
2012/13-4	Lab	method blank	4/3/2013	Metal	Mercury	Total	DNQ	18	ng/L	EPA 245.1	3.9	50			IP
2012/13-4	MO-OXN	matrix spike	4/3/2013	Metal	Mercury	Total	=	1000	ng/L	EPA 245.1	3.9	50			
2012/13-4	MO-OXN	matrix spike dup	4/3/2013	Metal	Mercury	Total	=	928	ng/L	EPA 245.1	3.9	50			
2012/13-4	MO-OXN	matrix spike dup, rec	4/3/2013	Metal	Mercury	Total	=	87	%	EPA 245.1	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, rec	4/3/2013	Metal	Mercury	Total	=	94	%	EPA 245.1	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	4/3/2013	Metal	Mercury	Total	=	7	%	EPA 245.1	-88	-88	0	20	
2012/13-4	Lab	method blank	3/22/2013	Metal	Nickel	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2012/13-4	Lab	LCS	3/22/2013	Metal	Nickel	Dissolved	=	51.9	µg/L	EPA 200.8	0.13	0.8			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Nickel	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/1/2013	Metal	Nickel	Dissolved	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2012/13-4	Lab	LCS	4/1/2013	Metal	Nickel	Dissolved	=	50.3	µg/L	EPA 200.8	0.13	0.8			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Nickel	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	
2012/13-4	000NONPJ	matrix spike	3/22/2013	Metal	Nickel	Total	=	52.3	µg/L	EPA 200.8	0.13	0.8			
2012/13-4	000NONPJ	matrix spike, rec	3/22/2013	Metal	Nickel	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike dup	3/22/2013	Metal	Nickel	Total	=	52.5	µg/L	EPA 200.8	0.13	0.8			
2012/13-4	000NONPJ	matrix spike dup, rec	3/22/2013	Metal	Nickel	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike, RPD	3/22/2013	Metal	Nickel	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Nickel	Total	<	0.13	µg/L	EPA 200.8	0.13	0.8			
2012/13-4	Lab	LCS	3/22/2013	Metal	Nickel	Total	=	51.9	µg/L	EPA 200.8	0.13	0.8			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Nickel	Total	=	104	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/1/2013	Metal	Nickel	Total	<	0.13	µg/L	EPA 200.8	0.13	0.8			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	Lab	LCS	4/1/2013	Metal	Nickel	Total	=	50.3	µg/L	EPA 200.8	0.13	0.8			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	85	115	
2012/13-4	ME-VR2	matrix spike	4/1/2013	Metal	Nickel	Total	=	53.6	µg/L	EPA 200.8	0.13	0.8			
2012/13-4	ME-VR2	matrix spike, rec	4/1/2013	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike dup	4/1/2013	Metal	Nickel	Total	=	53.6	µg/L	EPA 200.8	0.13	0.8			
2012/13-4	ME-VR2	matrix spike dup, rec	4/1/2013	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike, RPD	4/1/2013	Metal	Nickel	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-CAM	matrix spike	4/1/2013	Metal	Nickel	Total	=	58.2	µg/L	EPA 200.8	0.13	0.8			
2012/13-4	MO-CAM	matrix spike, rec	4/1/2013	Metal	Nickel	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike dup	4/1/2013	Metal	Nickel	Total	=	58.4	µg/L	EPA 200.8	0.13	0.8			
2012/13-4	MO-CAM	matrix spike dup, rec	4/1/2013	Metal	Nickel	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike, RPD	4/1/2013	Metal	Nickel	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Metal	Nickel	Total	=	58.6	µg/L	EPA 200.8	0.13	0.8			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Metal	Nickel	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Metal	Nickel	Total	=	60.6	µg/L	EPA 200.8	0.13	0.8			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Metal	Nickel	Total	=	3	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Selenium	Dissolved	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2012/13-4	Lab	LCS	3/22/2013	Metal	Selenium	Dissolved	=	52.7	µg/L	EPA 200.8	0.28	0.4			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Selenium	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/1/2013	Metal	Selenium	Dissolved	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2012/13-4	Lab	LCS	4/1/2013	Metal	Selenium	Dissolved	=	51.2	µg/L	EPA 200.8	0.28	0.4			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Selenium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	
2012/13-4	000NONPJ	matrix spike	3/22/2013	Metal	Selenium	Total	=	48.6	µg/L	EPA 200.8	0.28	0.4			
2012/13-4	000NONPJ	matrix spike, rec	3/22/2013	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike dup	3/22/2013	Metal	Selenium	Total	=	48.6	µg/L	EPA 200.8	0.28	0.4			
2012/13-4	000NONPJ	matrix spike dup, rec	3/22/2013	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike, RPD	3/22/2013	Metal	Selenium	Total	=	0.06	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Selenium	Total	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2012/13-4	Lab	LCS	3/22/2013	Metal	Selenium	Total	=	53.2	µg/L	EPA 200.8	0.28	0.4			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Selenium	Total	=	106	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/1/2013	Metal	Selenium	Total	<	0.28	µg/L	EPA 200.8	0.28	0.4			
2012/13-4	Lab	LCS	4/1/2013	Metal	Selenium	Total	=	51.2	µg/L	EPA 200.8	0.28	0.4			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Selenium	Total	=	102	%	EPA 200.8	-88	-88	85	115	
2012/13-4	ME-VR2	matrix spike	4/1/2013	Metal	Selenium	Total	=	51.6	µg/L	EPA 200.8	0.28	0.4			
2012/13-4	ME-VR2	matrix spike, rec	4/1/2013	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike dup	4/1/2013	Metal	Selenium	Total	=	51.6	µg/L	EPA 200.8	0.28	0.4			
2012/13-4	ME-VR2	matrix spike dup, rec	4/1/2013	Metal	Selenium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike, RPD	4/1/2013	Metal	Selenium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-CAM	matrix spike	4/1/2013	Metal	Selenium	Total	=	50.6	µg/L	EPA 200.8	0.28	0.4			
2012/13-4	MO-CAM	matrix spike, rec	4/1/2013	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike dup	4/1/2013	Metal	Selenium	Total	=	52.7	µg/L	EPA 200.8	0.28	0.4			
2012/13-4	MO-CAM	matrix spike dup, rec	4/1/2013	Metal	Selenium	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike, RPD	4/1/2013	Metal	Selenium	Total	=	4	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Metal	Selenium	Total	=	46.7	µg/L	EPA 200.8	0.28	0.4			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Metal	Selenium	Total	=	91	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Metal	Selenium	Total	=	52.3	µg/L	EPA 200.8	0.28	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	
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Metal	Selenium	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Metal	Selenium	Total	=	11	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Silver	Dissolved	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2012/13-4	Lab	LCS	3/22/2013	Metal	Silver	Dissolved	=	49.4	µg/L	EPA 200.8	0.027	0.2			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Silver	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/1/2013	Metal	Silver	Dissolved	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2012/13-4	Lab	LCS	4/1/2013	Metal	Silver	Dissolved	=	49.7	µg/L	EPA 200.8	0.027	0.2			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Silver	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2012/13-4	000NONPJ	matrix spike	3/22/2013	Metal	Silver	Total	=	48.9	µg/L	EPA 200.8	0.027	0.2			
2012/13-4	000NONPJ	matrix spike, rec	3/22/2013	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike dup	3/22/2013	Metal	Silver	Total	=	48.6	µg/L	EPA 200.8	0.027	0.2			
2012/13-4	000NONPJ	matrix spike dup, rec	3/22/2013	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike, RPD	3/22/2013	Metal	Silver	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Silver	Total	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2012/13-4	Lab	LCS	3/22/2013	Metal	Silver	Total	=	49.4	µg/L	EPA 200.8	0.027	0.2			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/1/2013	Metal	Silver	Total	<	0.027	µg/L	EPA 200.8	0.027	0.2			
2012/13-4	Lab	LCS	4/1/2013	Metal	Silver	Total	=	49.7	µg/L	EPA 200.8	0.027	0.2			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2012/13-4	ME-VR2	matrix spike	4/1/2013	Metal	Silver	Total	=	46.6	µg/L	EPA 200.8	0.027	0.2			
2012/13-4	ME-VR2	matrix spike, rec	4/1/2013	Metal	Silver	Total	=	93	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike dup	4/1/2013	Metal	Silver	Total	=	46	µg/L	EPA 200.8	0.027	0.2			
2012/13-4	ME-VR2	matrix spike dup, rec	4/1/2013	Metal	Silver	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike, RPD	4/1/2013	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-CAM	matrix spike	4/1/2013	Metal	Silver	Total	=	50.6	µg/L	EPA 200.8	0.027	0.2			
2012/13-4	MO-CAM	matrix spike, rec	4/1/2013	Metal	Silver	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike dup	4/1/2013	Metal	Silver	Total	=	51.1	µg/L	EPA 200.8	0.027	0.2			
2012/13-4	MO-CAM	matrix spike dup, rec	4/1/2013	Metal	Silver	Total	=	102	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike, RPD	4/1/2013	Metal	Silver	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Metal	Silver	Total	=	47.5	µg/L	EPA 200.8	0.027	0.2			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Metal	Silver	Total	=	45.2	µg/L	EPA 200.8	0.027	0.2			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Metal	Silver	Total	=	90	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Metal	Silver	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Thallium	Dissolved	DNQ	0.01	µg/L	EPA 200.8	0.009	0.2			IP
2012/13-4	Lab	LCS	3/22/2013	Metal	Thallium	Dissolved	=	48.9	µg/L	EPA 200.8	0.009	0.2			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Thallium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/1/2013	Metal	Thallium	Dissolved	DNQ	0.02	µg/L	EPA 200.8	0.009	0.2			IP
2012/13-4	Lab	LCS	4/1/2013	Metal	Thallium	Dissolved	=	49.5	µg/L	EPA 200.8	0.009	0.2			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Thallium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	
2012/13-4	000NONPJ	matrix spike	3/22/2013	Metal	Thallium	Total	=	49.7	µg/L	EPA 200.8	0.034	0.2			
2012/13-4	000NONPJ	matrix spike, rec	3/22/2013	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike dup	3/22/2013	Metal	Thallium	Total	=	49.6	µg/L	EPA 200.8	0.034	0.2			
2012/13-4	000NONPJ	matrix spike dup, rec	3/22/2013	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike, RPD	3/22/2013	Metal	Thallium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Thallium	Total	<	0.034	µg/L	EPA 200.8	0.034	0.2			
2012/13-4	Lab	LCS	3/22/2013	Metal	Thallium	Total	=	48.9	µg/L	EPA 200.8	0.034	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	
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/1/2013	Metal	Thallium	Total	<	0.034	µg/L	EPA 200.8	0.034	0.2			
2012/13-4	Lab	LCS	4/1/2013	Metal	Thallium	Total	=	49.5	µg/L	EPA 200.8	0.034	0.2			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	85	115	
2012/13-4	ME-VR2	matrix spike	4/1/2013	Metal	Thallium	Total	=	56.4	µg/L	EPA 200.8	0.034	0.2			
2012/13-4	ME-VR2	matrix spike, rec	4/1/2013	Metal	Thallium	Total	=	113	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike dup	4/1/2013	Metal	Thallium	Total	=	55.6	µg/L	EPA 200.8	0.034	0.2			
2012/13-4	ME-VR2	matrix spike dup, rec	4/1/2013	Metal	Thallium	Total	=	111	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike, RPD	4/1/2013	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-CAM	matrix spike	4/1/2013	Metal	Thallium	Total	=	53.6	µg/L	EPA 200.8	0.034	0.2			
2012/13-4	MO-CAM	matrix spike, rec	4/1/2013	Metal	Thallium	Total	=	107	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike dup	4/1/2013	Metal	Thallium	Total	=	53.9	µg/L	EPA 200.8	0.034	0.2			
2012/13-4	MO-CAM	matrix spike dup, rec	4/1/2013	Metal	Thallium	Total	=	108	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike, RPD	4/1/2013	Metal	Thallium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Metal	Thallium	Total	=	53.1	µg/L	EPA 200.8	0.034	0.2			
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Metal	Thallium	Total	=	106	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Metal	Thallium	Total	=	50.4	µg/L	EPA 200.8	0.034	0.2			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Metal	Thallium	Total	=	5	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Zinc	Dissolved	DNQ	1.74	µg/L	EPA 200.8	1.1	5			IP
2012/13-4	Lab	LCS	3/22/2013	Metal	Zinc	Dissolved	=	54	µg/L	EPA 200.8	1.1	5			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Zinc	Dissolved	=	108	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/1/2013	Metal	Zinc	Dissolved	DNQ	1.87	µg/L	EPA 200.8	1.1	5			IP
2012/13-4	Lab	LCS	4/1/2013	Metal	Zinc	Dissolved	=	53.4	µg/L	EPA 200.8	1.1	5			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Zinc	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	
2012/13-4	000NONPJ	matrix spike	3/22/2013	Metal	Zinc	Total	=	51.6	µg/L	EPA 200.8	1.1	5			
2012/13-4	000NONPJ	matrix spike, rec	3/22/2013	Metal	Zinc	Total	=	103	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike dup	3/22/2013	Metal	Zinc	Total	=	52.3	µg/L	EPA 200.8	1.1	5			
2012/13-4	000NONPJ	matrix spike dup, rec	3/22/2013	Metal	Zinc	Total	=	105	%	EPA 200.8	-88	-88	70	130	
2012/13-4	000NONPJ	matrix spike, RPD	3/22/2013	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-4	Lab	method blank	3/22/2013	Metal	Zinc	Total	<	1.1	µg/L	EPA 200.8	1.1	5			
2012/13-4	Lab	LCS	3/22/2013	Metal	Zinc	Total	=	54	µg/L	EPA 200.8	1.1	5			
2012/13-4	Lab	LCS, rec	3/22/2013	Metal	Zinc	Total	=	108	%	EPA 200.8	-88	-88	85	115	
2012/13-4	Lab	method blank	4/1/2013	Metal	Zinc	Total	<	1.1	µg/L	EPA 200.8	1.1	5			
2012/13-4	Lab	LCS	4/1/2013	Metal	Zinc	Total	=	53.4	µg/L	EPA 200.8	1.1	5			
2012/13-4	Lab	LCS, rec	4/1/2013	Metal	Zinc	Total	=	107	%	EPA 200.8	-88	-88	85	115	
2012/13-4	ME-VR2	matrix spike	4/1/2013	Metal	Zinc	Total	=	51.1	µg/L	EPA 200.8	1.1	5			
2012/13-4	ME-VR2	matrix spike, rec	4/1/2013	Metal	Zinc	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike dup	4/1/2013	Metal	Zinc	Total	=	51.1	µg/L	EPA 200.8	1.1	5			
2012/13-4	ME-VR2	matrix spike dup, rec	4/1/2013	Metal	Zinc	Total	=	92	%	EPA 200.8	-88	-88	70	130	
2012/13-4	ME-VR2	matrix spike, RPD	4/1/2013	Metal	Zinc	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-CAM	matrix spike	4/1/2013	Metal	Zinc	Total	=	172	µg/L	EPA 200.8	1.1	5			
2012/13-4	MO-CAM	matrix spike, rec	4/1/2013	Metal	Zinc	Total	=	109	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike dup	4/1/2013	Metal	Zinc	Total	=	174	µg/L	EPA 200.8	1.1	5			
2012/13-4	MO-CAM	matrix spike dup, rec	4/1/2013	Metal	Zinc	Total	=	112	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-CAM	matrix spike, RPD	4/1/2013	Metal	Zinc	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	
2012/13-4	MO-OXN	matrix spike	3/22/2013	Metal	Zinc	Total	=	252	µg/L	EPA 200.8	1.1	5			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	MO-OXN	matrix spike, rec	3/22/2013	Metal	Zinc	Total	=	94	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike dup	3/22/2013	Metal	Zinc	Total	=	256	µg/L	EPA 200.8	1.1	5			
2012/13-4	MO-OXN	matrix spike dup, rec	3/22/2013	Metal	Zinc	Total	=	101	%	EPA 200.8	-88	-88	70	130	
2012/13-4	MO-OXN	matrix spike, RPD	3/22/2013	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	
2012/13-4	000NONPJ	matrix spike	3/20/2013	Nutrient	Ammonia as N	n/a	=	1.53	mg/L	EPA 350.1	0.048	0.1			
2012/13-4	000NONPJ	matrix spike, rec	3/20/2013	Nutrient	Ammonia as N	n/a	=	90	%	EPA 350.1	-88	-88	90	110	
2012/13-4	000NONPJ	matrix spike dup	3/20/2013	Nutrient	Ammonia as N	n/a	=	1.62	mg/L	EPA 350.1	0.048	0.1			
2012/13-4	000NONPJ	matrix spike dup, rec	3/20/2013	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	
2012/13-4	000NONPJ	matrix spike, RPD	3/20/2013	Nutrient	Ammonia as N	n/a	=	6	%	EPA 350.1	-88	-88	0	15	
2012/13-4	000NONPJ	matrix spike	3/20/2013	Nutrient	Ammonia as N	n/a	=	0.973	mg/L	EPA 350.1	0.048	0.1			
2012/13-4	000NONPJ	matrix spike, rec	3/20/2013	Nutrient	Ammonia as N	n/a	=	97	%	EPA 350.1	-88	-88	90	110	
2012/13-4	000NONPJ	matrix spike dup	3/20/2013	Nutrient	Ammonia as N	n/a	=	1.01	mg/L	EPA 350.1	0.048	0.1			
2012/13-4	000NONPJ	matrix spike dup, rec	3/20/2013	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	
2012/13-4	000NONPJ	matrix spike, RPD	3/20/2013	Nutrient	Ammonia as N	n/a	=	4	%	EPA 350.1	-88	-88	0	15	
2012/13-4	000NONPJ	matrix spike	3/26/2013	Nutrient	Ammonia as N	n/a	=	1.53	mg/L	EPA 350.1	0.048	0.1			
2012/13-4	000NONPJ	matrix spike, rec	3/26/2013	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	
2012/13-4	000NONPJ	matrix spike dup	3/26/2013	Nutrient	Ammonia as N	n/a	=	1.51	mg/L	EPA 350.1	0.048	0.1			
2012/13-4	000NONPJ	matrix spike dup, rec	3/26/2013	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	
2012/13-4	000NONPJ	matrix spike, RPD	3/26/2013	Nutrient	Ammonia as N	n/a	=	1	%	EPA 350.1	-88	-88	0	15	
2012/13-4	Lab	method blank	3/20/2013	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2012/13-4	Lab	LCS	3/20/2013	Nutrient	Ammonia as N	n/a	=	1	mg/L	EPA 350.1	0.048	0.1			
2012/13-4	Lab	LCS, rec	3/20/2013	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	
2012/13-4	Lab	method blank	3/26/2013	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			
2012/13-4	Lab	LCS	3/26/2013	Nutrient	Ammonia as N	n/a	=	1.05	mg/L	EPA 350.1	0.048	0.1			
2012/13-4	Lab	LCS, rec	3/26/2013	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	
2012/13-4	MO-OXN	matrix spike	3/26/2013	Nutrient	Ammonia as N	n/a	=	2.7	mg/L	EPA 350.1	0.096	0.2			D,GB
2012/13-4	MO-OXN	matrix spike, rec	3/26/2013	Nutrient	Ammonia as N	n/a	=	135	%	EPA 350.1	-88	-88	90	110	D,GB
2012/13-4	MO-OXN	matrix spike dup	3/26/2013	Nutrient	Ammonia as N	n/a	=	2.88	mg/L	EPA 350.1	0.096	0.2			D,GB
2012/13-4	MO-OXN	matrix spike dup, rec	3/26/2013	Nutrient	Ammonia as N	n/a	=	153	%	EPA 350.1	-88	-88	90	110	D,GB
2012/13-4	MO-OXN	matrix spike, RPD	3/26/2013	Nutrient	Ammonia as N	n/a	=	6	%	EPA 350.1	-88	-88	0	15	D
2012/13-4	000NONPJ	matrix spike	3/9/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	2.04	mg/L	EPA 353.2	0.01	0.1			
2012/13-4	000NONPJ	matrix spike, rec	3/9/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2012/13-4	000NONPJ	matrix spike dup	3/9/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	2.02	mg/L	EPA 353.2	0.01	0.1			
2012/13-4	000NONPJ	matrix spike dup, rec	3/9/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2012/13-4	000NONPJ	matrix spike, RPD	3/9/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	0.9	%	EPA 353.2	-88	-88	0	20	
2012/13-4	Lab	LCS	3/9/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	1.05	mg/L	EPA 353.2	0.01	0.1			
2012/13-4	Lab	LCS, rec	3/9/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2012/13-4	Lab	method blank	3/9/2013	Nutrient	Nitrate + Nitrite as N	n/a	<	0.01	mg/L	EPA 353.2	0.01	0.1			
2012/13-4	Lab	LCS	3/11/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	0.965	mg/L	EPA 353.2	0.01	0.1			
2012/13-4	Lab	LCS, rec	3/11/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2012/13-4	Lab	method blank	3/11/2013	Nutrient	Nitrate + Nitrite as N	n/a	DNQ	0.022	mg/L	EPA 353.2	0.01	0.1			IP
2012/13-4	MO-OXN	matrix spike	3/11/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	3.24	mg/L	EPA 353.2	0.01	0.1			
2012/13-4	MO-OXN	matrix spike, rec	3/11/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	
2012/13-4	MO-OXN	matrix spike dup	3/11/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	3.2	mg/L	EPA 353.2	0.01	0.1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/11/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	93	%	EPA 353.2	-88	-88	90	110	
2012/13-4	MO-OXN	matrix spike, RPD	3/11/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	
2012/13-4	MO-VEN	matrix spike	3/11/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	3.2	mg/L	EPA 353.2	0.01	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	MO-VEN	matrix spike, rec	3/11/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2012/13-4	MO-VEN	matrix spike dup	3/11/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	3.19	mg/L	EPA 353.2	0.01	0.1			
2012/13-4	MO-VEN	matrix spike dup, rec	3/11/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	
2012/13-4	MO-VEN	matrix spike, RPD	3/11/2013	Nutrient	Nitrate + Nitrite as N	n/a	=	0.4	%	EPA 353.2	-88	-88	0	20	
2012/13-4	000NONPJ	matrix spike	3/9/2013	Nutrient	Nitrate as N	n/a	=	2.04	mg/L	EPA 353.2	0.041	0.1			
2012/13-4	000NONPJ	matrix spike, rec	3/9/2013	Nutrient	Nitrate as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	
2012/13-4	000NONPJ	matrix spike dup	3/9/2013	Nutrient	Nitrate as N	n/a	=	2.02	mg/L	EPA 353.2	0.041	0.1			
2012/13-4	000NONPJ	matrix spike dup, rec	3/9/2013	Nutrient	Nitrate as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	
2012/13-4	000NONPJ	matrix spike, RPD	3/9/2013	Nutrient	Nitrate as N	n/a	=	0.9	%	EPA 353.2	-88	-88	0	20	
2012/13-4	Lab	LCS	3/9/2013	Nutrient	Nitrate as N	n/a	=	1.05	mg/L	EPA 353.2	0.041	0.1			
2012/13-4	Lab	LCS, rec	3/9/2013	Nutrient	Nitrate as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	
2012/13-4	Lab	method blank	3/9/2013	Nutrient	Nitrate as N	n/a	<	0.041	mg/L	EPA 353.2	0.041	0.1			
2012/13-4	Lab	method blank	4/4/2013	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2012/13-4	Lab	LCS	4/4/2013	Nutrient	Phosphorus as P	Dissolved	=	0.0483	mg/L	EPA 365.1	0.0014	0.01			
2012/13-4	Lab	LCS, rec	4/4/2013	Nutrient	Phosphorus as P	Dissolved	=	97	%	EPA 365.1	-88	-88	90	110	
2012/13-4	ME-VR2	matrix spike	4/4/2013	Nutrient	Phosphorus as P	Dissolved	=	0.114	mg/L	EPA 365.1	0.0014	0.01			
2012/13-4	ME-VR2	matrix spike, rec	4/4/2013	Nutrient	Phosphorus as P	Dissolved	=	108	%	EPA 365.1	-88	-88	90	110	
2012/13-4	ME-VR2	matrix spike dup	4/4/2013	Nutrient	Phosphorus as P	Dissolved	=	0.112	mg/L	EPA 365.1	0.0014	0.01			
2012/13-4	ME-VR2	matrix spike dup, rec	4/4/2013	Nutrient	Phosphorus as P	Dissolved	=	104	%	EPA 365.1	-88	-88	90	110	
2012/13-4	ME-VR2	matrix spike, RPD	4/4/2013	Nutrient	Phosphorus as P	Dissolved	=	2	%	EPA 365.1	-88	-88	0	10	
2012/13-4	MO-OXN	matrix spike	4/4/2013	Nutrient	Phosphorus as P	Dissolved	=	0.64	mg/L	EPA 365.1	0.007	0.05			D
2012/13-4	MO-OXN	matrix spike, rec	4/4/2013	Nutrient	Phosphorus as P	Dissolved	=	107	%	EPA 365.1	-88	-88	90	110	D
2012/13-4	MO-OXN	matrix spike dup	4/4/2013	Nutrient	Phosphorus as P	Dissolved	=	0.645	mg/L	EPA 365.1	0.007	0.05			D
2012/13-4	MO-OXN	matrix spike dup, rec	4/4/2013	Nutrient	Phosphorus as P	Dissolved	=	109	%	EPA 365.1	-88	-88	90	110	D
2012/13-4	MO-OXN	matrix spike, RPD	4/4/2013	Nutrient	Phosphorus as P	Dissolved	=	0.8	%	EPA 365.1	-88	-88	0	10	D
2012/13-4	000NONPJ	matrix spike	3/15/2013	Nutrient	Phosphorus as P	Total	=	0.196	mg/L	EPA 365.1	0.0014	0.01			
2012/13-4	000NONPJ	matrix spike, rec	3/15/2013	Nutrient	Phosphorus as P	Total	=	98	%	EPA 365.1	-88	-88	90	110	
2012/13-4	000NONPJ	matrix spike dup	3/15/2013	Nutrient	Phosphorus as P	Total	=	0.195	mg/L	EPA 365.1	0.0014	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	3/15/2013	Nutrient	Phosphorus as P	Total	=	96	%	EPA 365.1	-88	-88	90	110	
2012/13-4	000NONPJ	matrix spike, RPD	3/15/2013	Nutrient	Phosphorus as P	Total	=	0.5	%	EPA 365.1	-88	-88	0	10	
2012/13-4	000NONPJ	matrix spike	3/15/2013	Nutrient	Phosphorus as P	Total	=	0.0558	mg/L	EPA 365.1	0.0014	0.01			
2012/13-4	000NONPJ	matrix spike, rec	3/15/2013	Nutrient	Phosphorus as P	Total	=	102	%	EPA 365.1	-88	-88	90	110	
2012/13-4	000NONPJ	matrix spike dup	3/15/2013	Nutrient	Phosphorus as P	Total	=	0.0558	mg/L	EPA 365.1	0.0014	0.01			
2012/13-4	000NONPJ	matrix spike dup, rec	3/15/2013	Nutrient	Phosphorus as P	Total	=	102	%	EPA 365.1	-88	-88	90	110	
2012/13-4	000NONPJ	matrix spike, RPD	3/15/2013	Nutrient	Phosphorus as P	Total	=	0	%	EPA 365.1	-88	-88	0	10	
2012/13-4	Lab	method blank	3/15/2013	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2012/13-4	Lab	LCS	3/15/2013	Nutrient	Phosphorus as P	Total	=	0.0509	mg/L	EPA 365.1	0.0014	0.01			
2012/13-4	Lab	LCS, rec	3/15/2013	Nutrient	Phosphorus as P	Total	=	102	%	EPA 365.1	-88	-88	90	110	
2012/13-4	Lab	method blank	4/4/2013	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			
2012/13-4	Lab	LCS	4/4/2013	Nutrient	Phosphorus as P	Total	=	0.0486	mg/L	EPA 365.1	0.0014	0.01			
2012/13-4	Lab	LCS, rec	4/4/2013	Nutrient	Phosphorus as P	Total	=	97	%	EPA 365.1	-88	-88	90	110	
2012/13-4	MO-OXN	matrix spike	4/4/2013	Nutrient	Phosphorus as P	Total	=	0.82	mg/L	EPA 365.1	0.007	0.05			D
2012/13-4	MO-OXN	matrix spike, rec	4/4/2013	Nutrient	Phosphorus as P	Total	=	110	%	EPA 365.1	-88	-88	90	110	D
2012/13-4	MO-OXN	matrix spike dup	4/4/2013	Nutrient	Phosphorus as P	Total	=	0.86	mg/L	EPA 365.1	0.007	0.05			D,GB
2012/13-4	MO-OXN	matrix spike dup, rec	4/4/2013	Nutrient	Phosphorus as P	Total	=	126	%	EPA 365.1	-88	-88	90	110	D,GB
2012/13-4	MO-OXN	matrix spike, RPD	4/4/2013	Nutrient	Phosphorus as P	Total	=	5	%	EPA 365.1	-88	-88	0	10	D
2012/13-4	Lab	method blank	3/21/2013	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			

Appendix F
Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2012/13-4	Lab	LCS	3/21/2013	Nutrient	TKN	n/a	=	0.976	mg/L	EPA 351.2	0.074	0.1			
2012/13-4	Lab	LCS, rec	3/21/2013	Nutrient	TKN	n/a	=	98	%	EPA 351.2	-88	-88	90	110	
2012/13-4	ME-VR2	matrix spike	3/21/2013	Nutrient	TKN	n/a	=	1.34	mg/L	EPA 351.2	0.074	0.1			
2012/13-4	ME-VR2	matrix spike, rec	3/21/2013	Nutrient	TKN	n/a	=	107	%	EPA 351.2	-88	-88	90	110	
2012/13-4	ME-VR2	matrix spike dup	3/21/2013	Nutrient	TKN	n/a	=	1.35	mg/L	EPA 351.2	0.074	0.1			
2012/13-4	ME-VR2	matrix spike dup, rec	3/21/2013	Nutrient	TKN	n/a	=	108	%	EPA 351.2	-88	-88	90	110	
2012/13-4	ME-VR2	matrix spike, RPD	3/21/2013	Nutrient	TKN	n/a	=	0.7	%	EPA 351.2	-88	-88	0	15	
2012/13-4	MO-OXN	matrix spike	3/21/2013	Nutrient	TKN	n/a	=	5.96	mg/L	EPA 351.2	0.15	0.2			D
2012/13-4	MO-OXN	matrix spike, rec	3/21/2013	Nutrient	TKN	n/a	=	100	%	EPA 351.2	-88	-88	90	110	D
2012/13-4	MO-OXN	matrix spike dup	3/21/2013	Nutrient	TKN	n/a	=	5.76	mg/L	EPA 351.2	0.15	0.2			D,GB
2012/13-4	MO-OXN	matrix spike dup, rec	3/21/2013	Nutrient	TKN	n/a	=	80	%	EPA 351.2	-88	-88	90	110	D,GB
2012/13-4	MO-OXN	matrix spike, RPD	3/21/2013	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	15	D
2012/13-4	Lab	method blank	3/18/2013	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	32.8	µg/L	EPA 625	0.55	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	66	%	EPA 625	-88	-88	44	142	
2012/13-4	Lab	method blank	3/27/2013	Organic	1,2,4-Trichlorobenzene	n/a	<	0.55	µg/L	EPA 625	0.55	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	18.2	µg/L	EPA 625	0.55	1			EUM
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	36	%	EPA 625	-88	-88	44	142	EUM
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	29.4	µg/L	EPA 625	0.55	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	59	%	EPA 625	-88	-88	44	142	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	16.6	µg/L	EPA 625	0.55	1			GB
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	33	%	EPA 625	-88	-88	44	142	GB
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	56	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	28.7	µg/L	EPA 625	0.55	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	57	%	EPA 625	-88	-88	44	142	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	27	µg/L	EPA 625	0.55	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	54	%	EPA 625	-88	-88	44	142	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	1,2,4-Trichlorobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	method blank	3/18/2013	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2012/13-4	Lab	LCS	3/18/2013	Organic	1,2-Dichlorobenzene	n/a	=	30.7	µg/L	EPA 625	0.57	1			
2012/13-4	Lab	LCS, rec	3/18/2013	Organic	1,2-Dichlorobenzene	n/a	=	61	%	EPA 625	-88	-88	32	129	
2012/13-4	Lab	method blank	3/27/2013	Organic	1,2-Dichlorobenzene	n/a	<	0.57	µg/L	EPA 625	0.57	1			
2012/13-4	Lab	LCS	3/27/2013	Organic	1,2-Dichlorobenzene	n/a	=	15.6	µg/L	EPA 625	0.57	1			EUM
2012/13-4	Lab	LCS, rec	3/27/2013	Organic	1,2-Dichlorobenzene	n/a	=	31	%	EPA 625	-88	-88	32	129	EUM
2012/13-4	ME-CC	matrix spike	3/27/2013	Organic	1,2-Dichlorobenzene	n/a	=	30.9	µg/L	EPA 625	0.57	1			
2012/13-4	ME-CC	matrix spike, rec	3/27/2013	Organic	1,2-Dichlorobenzene	n/a	=	62	%	EPA 625	-88	-88	32	129	
2012/13-4	ME-CC	matrix spike dup	3/27/2013	Organic	1,2-Dichlorobenzene	n/a	=	15.8	µg/L	EPA 625	0.57	1			
2012/13-4	ME-CC	matrix spike dup, rec	3/27/2013	Organic	1,2-Dichlorobenzene	n/a	=	32	%	EPA 625	-88	-88	32	129	
2012/13-4	ME-CC	matrix spike, RPD	3/27/2013	Organic	1,2-Dichlorobenzene	n/a	=	65	%	EPA 625	-88	-88	0	30	IL
2012/13-4	MO-OXN	matrix spike	3/18/2013	Organic	1,2-Dichlorobenzene	n/a	=	30.4	µg/L	EPA 625	0.57	1			
2012/13-4	MO-OXN	matrix spike, rec	3/18/2013	Organic	1,2-Dichlorobenzene	n/a	=	61	%	EPA 625	-88	-88	32	129	
2012/13-4	MO-OXN	matrix spike dup	3/18/2013	Organic	1,2-Dichlorobenzene	n/a	=	29.9	µg/L	EPA 625	0.57	1			
2012/13-4	MO-OXN	matrix spike dup, rec	3/18/2013	Organic	1,2-Dichlorobenzene	n/a	=	60	%	EPA 625	-88	-88	32	129	
2012/13-4	MO-OXN	matrix spike, RPD	3/18/2013	Organic	1,2-Dichlorobenzene	n/a	=	2	%	EPA 625	-88	-88	0	30	
2012/13-4	Lab	srgt LCS	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	13.4	µg/L	EPA 524.2	-88	-88			GN
2012/13-4	Lab	srgt LCS, rec	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	134	%	EPA 524.2	-88	-88	70	130	GN
2012/13-4	Lab	srgt LCS dup	3/11/2013	Organic	1,2-Dichlorobenzene-d4	n/a	=	12.6	µg/L	EPA 524.2	-88	-88			